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MANUAL OF STYLE
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# MANUAL OF STYLE 

A COMPILATION OF

TYPOGRAPHICAL RULES GOVERNING THE PUBLICATIONS OF THE UNIVERSITY OF CHICAGO, WITH SPECIMENS OF TYPES USED AT THE UNIVERSITY PRESS

## FOURTH EDITION



THE UNIVERSITY OF CHICAGO PRESS CHICAGO, ILLINOIS

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Chicago, Illinois, U.S.A,

## INTRODUCTORY NOTE

The present work is a codification of the typographical rules employed by the University of Chicago in connection with its official printing and publications issued through the University Press. Having its genesis, nearly two decades ago, in a single sheet of fundamentals, jotted down by the first proofreader at odd moments for his own guidance; added to from year to year, as opportunity offered or new necessities arose; revised and re-revised as the scope of the work, and, it is hoped, the wisdom of the workers, increased-it emerges in its present form as the embodiment of traditions, the crystallization of usages, the blended product of the reflections of many minds.

Regulations like these, in the nature of the case, cannot be endowed with the fixity of unchanging law. They are meant for the average case, and must be applied with a certain degree of elasticity. Exceptions will constantly occur, and ample room is left for individual initiative and discretion. They point the way and survey the road, rather than remove the obstacles. Throughout this book it is assumed that no regulation contained therein is absolutely inviolable. Wherever the peculiar nature of the subject-matter, the desirability of throwing into relief a certain part of the argument, the reasonable preference
of a writer, or a typographical contingency suggests a deviation, such deviation may legitimately be made. Each case of this character must be decided largely upon its own merits. Generally it may be stated that, where no question of taste or logic is involved, deference should be shown to the expressed wishes of the author.

The nature of the work of the Press itself-and this will apply, to a greater or less extent, to any similar institution affected by local conditions-constantly calls for modification, now of this rule, now of that. It would be found impracticable, even were it desirable, to bring all its publications into rigid uniformity of "style" and appearance. Methods have been devised, systems evolved, in certain lines of work, which cannot be carried bodily over into the field of others. Thus, in the matter of literary references, for instance, general practice has established certain usages in some of the sciences which it would not be advisable to ignore. Similar differences in practice may be observed in other directions. These deviations from the general rules will be found mentioned at the appropriate places in the body of the book. On the whole, however, the rules are designed to govern all publications sent forth with the official publishing imprint, "The University of Chicago Press."

Concerning the character and contents of the book little need be added. Its origin, its primary aim, and its limitations, as outlined above, will suggest the bounds of its usefulness. It does not pretend to be exhaustive; a few things must be taken for granted, and the traditional
territory of the dictionary has only exceptionally been invaded. It does not presume to be inflexibly consistent; applicability, in the printing-office, is a better test than iron-clad consistency, and common-sense a safer guide than abstract logic. It lays no claim to perfection in any of its parts; bearing throughout the inevitable earmarks of compromise, it will not carry conviction at every point to everybody. Neither is it an advocate of any radical scheme of reform; in the present state of the agitation for changes in spelling, progressive conservatism has been thought to be more appropriate for an academic printing-office than radicalism. As it stands, this Manual is believed to contain a fairly comprehensive, reasonably harmonious, and wholesomely practical set of work-rules for the aid of those who have to do with questions of typographical style. For the benefit of those whose duties bring them into direct contact with the manufacturing department of the Press, specimen pages of the available types, special characters, etc., have been added.

The Manual of Style is now in its fourth edition. That it is recognized as possessing merit is evidenced by its adoption and use in many editorial offices, libraries, and proofrooms in the United States and Canada. This edition incorporates several new rules which it is believed will prove helpful, and at the same time seeks to elucidate some of the older rules, in the application of which difficulties may arise. Changes in literary practice, the legislation of learned societies, the recent development of the profession of the librarian, with the
attendant uniformity of practice recommended by the national association of librarians, and the added experience resulting from a daily application of these rules to a very varied list of publications, are all factors contributing to the need of periodical revision.

The work, thus remodeled, is again offered to the public, in the hope that it may continue to be useful to those whose occupations require some familiarity with the niceties of typographical form.

Newman Miller, Director

The University Press
Chicago, Ill.
January 15, 1914

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RULES FOR COMPOSITION

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## CAPITALIZATION

## Capitalize-

I. Proper nouns and adjectives:

George, America, North America, Englishman; Elizabethan, French. (See 53.)
Do not capitalize verbs derived from proper names: to boycott, to fletcherize, to pasteurize;
nor such words as the following, when used in the sense of electrical units:
volt, ampere, watt, henry, ohm.
2. Epithets used as substitutes for proper names, or affixed to a name:
the Pretender, Bloody Mary, Alexander the Great.
3. The particles in French names, as "le," "la," "de," "du," when they are not preceded by a Christian name or title; but do not capitalize them when they are preceded by such name or title:
Le Bossu, La Torre, La Rochelle, De Coligny, D'Aubigné, Du Maurier (but: René le Bossu, Miguel de la Torre, Gaspard de Coligny, Thomas d'Aubigné, George du Maurier).
Always capitalize "Van" and "Ten"in Dutch names; never capitalize "von" in German names:
Stephen Van Rensselaer; Hugo von Martius, von Dobschütz.
Note.-Personal preference is responsible for the following exceptions: Henry van Dyke, J. H. van't Hoff, Bernard E. C. ten Brink.
4. Generic terms forming a part of geographical names: Atlantic Ocean, Dead Sea, Baffin's Bay, Gulf of Mexico, Straits of Gibraltar, Straits Settlements, Mississippi River, Three Rivers, Laughing Brook, Rocky Mountains, Blue Hills, Pike's Peak, Mount of Olives, Great Desert, Death Valley, Prince Edward Island, Sea (Lake) of Galilee.

But do not capitalize words of this class when simply added by way of description to the specific name, without forming an organic part of such name: the river Elbe, the desert of Sahara, the island of Madagascar. Subject to the above rule, the following lists will be found useful:

CAPITALIZE, IN SINGULAR FORM ONLY, WHEN IMMEDIATELY FOLLOWING NAME

| Archipelago | Gap | Ocean |
| :--- | :--- | :--- |
| Borough | Glacier | Parish (La.) <br> Branch (stream) <br> Butte |
| Gulch | Park |  |
| Canyon | Harbor | Plateau |
| County | Head | Range |
| Crater | Hill(s) | Reservation |
| Creek | Hollow | Ridge |
| Delta | Island(s) | River |
| Forest | Mesa | Run |
| Fork | Mountain(s) | Spring(s) |
|  | Narrows |  |

CAPITALIZE, IN SINGULAR FORM, EITHER BEFORE OR AFTER THE NAME; AND IN PLURAL FORM BEFORE THE NAME

Bay
Bayou
Camp (military)
Cape
Dalles
Desert
Falls

Fort
Isle
Lake
Mount
Oasis
Pass
Peak

Point
Port
Sea
Strait
Valley
Volcano
5. Adjectives and nouns used singly or in conjunction, to distinguish definite regions or parts of the world; and also terms applied to groups of states:
Old World, Western Hemisphere, North Pole, Equator, the North (=Scandinavia), the East (the Orient), the Far East, the Orient, the Levant; the North, South, East, West (United States); North Atlantic states, Gulf states, Middle Western states, Pacific Coast states.
But do not, as a rule, capitalize adjectives derived from such names, or nouns having an adjectival form, or nouns simply designating direction or point of compass, except as applied to geographical sections:
oriental customs, the southern states, a southerner (but: Northman = Scandinavian); an invasion of barbarians from the north, extending through the south of Europe (but: Northern Asia, Continental Europe).
6. Generic terms for political divisions:
(I) when the term is an organic part of the name, following the proper name directly:
Holy Roman Empire, German Empire (=Deutsches Reich), French Republic (=République française), United Kingdom, Northwest Territory, Cook County, Evanston Township, Kansas City (New York City-exception).
(2) when, with the preposition "of," it is used as an integral part of the name to indicate certain minor administrative subdivisions in the United States:
Department of the Lakes, Town of Lake, Borough of Manhattan.
(3) when used singly as the accepted designation for a specific division:
the Union, the States, the Republic (=United States), [the Confederacy], the Dominion (=Canada).
(4) when it is part of a fanciful or popular appellation used as if a real geographical name:
Celestial Empire, Holy (Promised) Land, Badger State, Eternal City, Garden City.

But do not (with the exceptions noted) capitalize such terms when standing alone, or when, with "of," preceding the specific name:
the empire, the state; empire of Russia, kingdom of Belgium, [kingdom of God, or of heaven], duchy of Anhalt, state of Illinois, county of Cook, city of Chicago.
7. Numbered political divisions (see 100):

Eleventh Congressional District, First Ward, Second Precinct.
8. The names of thoroughfares, parks, squares, blocks, buildings, etc. (see 100):
Drexel Avenue, Ringstrasse, Via Appia, Chicago Drainage Canal; Lincoln Park; Trafalgar Square; Monadnock Block; Lakeside Building, Capitol, White House, County Hospital, Théatre Français, Lexington Hotel, Masonic Temple [Solomon's temple, but, when standing alone: the Temple].

But do not capitalize such general designations of buildings as "courthouse," "post-office," "library,"
etc., except in connection with the name of the place in which they are located.
9. The names of political parties, religious denominations or sects, and philosophical, literary, and artistic schools, and their adherents:
Republican, Conservative, National Liberal, Social Democracy (where, as in Continental Europe, it is organized as a distinct parliamentary faction); Christian, Protestantism, Evangelical Lutheran, Catholic (Papist, Ultramontane), Reformed, Greek Orthodox, Seventh-Day Adventists, the Establishment, High Church, High Churchman, Separatist, Nonconformist, Dissenter, Theosophist, Jew, Pharisee (but: scribe) (adjective: Pharisaic, but: pharisaic, when used of characteristics, and not of the sect itself); Epicurean Stoic, Gnosticism (but: neo-Platonism, pseudoChristianity, un-Christian-see 203, 208), Literalist; the Romantic movement, the Symbolic school of painters.
But do not capitalize any of the above or similar words, or their derivatives, when used in their original or acquired general sense of pervading spirit, point of view, trend of thought, attitude of mind, or mode of action:
republican form of government, a true democrat and a conservative statesman, socialism as an economic panacea, the communistic theory, single-taxer, anarchism; catholicity of mind, puritanical ideas, evangelical spirit, pharisaic superciliousness; deist, pantheism, rationalist; epicurean tastes, stoic endurance, dualism and monism in present-day philosophy, an altruistic world-view; the classics, a realistic novel.
10. The names of monastic orders and their members: Black Friars, Dominican, Jesuit.
11. The proper (official) titles of social, religious, educational, political, commercial, and industrial organizations and institutions:
Union League Club, Knights Templar; Young People's Society of Christian Endeavor, Associated Charities; Smithsonian Institution, State University of Iowa, Hyde Park High School; the Commercial Academy (Handelsakademie) of Leipzig, the Paris Lyceum (Lycée de Paris); the Forty Immortals]; Cook County Democracy, Tammany Hall; Associated Press, Typographical Union No. 16; Chicago, Milwaukee \& St. Paul Railroad, The Macmillan Company.

But do not capitalize such generic terms when used to designate a class; nor when standing alone, even if applied to a specific institution, except to avoid ambiguity or, rarely, where the word is consistently and clearly used in place of the true name: young people's societies, the high school at Lemont, local typographical unions; the club, the association, the company; but: "He joined the Hall [Tammany]," "a member of the [French] Academy." (See 49.)
12. The names of legislative, judiciary, and administrative bodies and governmental departments, and their branches, when specifically applied:
Congress (Senate, House of Representatives [the House], Committee of Ways and Means), Parliament (House of Lords, House of Commons), Reichstag, Chamber of Deputies (the Chamber), General Assembly of Illinois, Chicago City Council, South Park Commissioners; Supreme Court of the United States, Circuit Court of Cook County, [Sanhedrin]; Department of the Interior, Census Office, Springfield Board of Education, Department of Public Works.

But do not capitalize such general, paraphrastic, or incomplete designations as-
the national assembly, the legislature of the state, the upper house of Congress, the German federal parliament, the Dutch diet; the council, the department, the board.
13. Ordinals used to designate Egyptian dynasties, sessions of Congress, names of regiments, and in similar connections (see IOO):
the Eighteenth Dynasty, the Fifty-third Congress, the Second Illinois Regiment Band.
14. Commonly accepted appellations for historical epochs, periods in the history of a language or literature, and geological ages and strata, the word "age" itself being capitalized only where a failure to do so would result in ambiguous meaning:
Stone age (but: Middle Ages), Crusades, Renaissance, Reformation, Inquisition, Commonwealth (Cromwell's), Commune (Paris); Old English (OE-see 123), Middle High German (MHG), the Age of Elizabeth; Pleistocene, Silurian, Lower Carboniferous.
15. Names for important events:

Thirty Years' War, Peasants' War (German), Revolution (French), Revolutionary War or War of Independence (American), Whiskey Insurrection (American), Civil War (American), War of 18i2, Franco-Prussian War, Battle of Gettysburg; Peace of Utrecht, Louisiana Purchase.
16. Political alliances, and such terms from secular or ecclesiastical history as have, through their associa-
II. The proper (official) titles of social, religious, educational, political, commercial, and industrial organizations and institutions:
Union League Club, Knights Templar; Young People's Society of Christian Endeavor, Associated Charities; Smithsonian Institution, State University of Iowa, Hyde Park High School; the Commercial Academy (Handelsakademie) of Leipzig, the Paris Lyceum (Lycée de Paris); the Forty Immortals]; Cook County Democracy, Tammany Hall; Associated Press, Typographical Union No. 16; Chicago, Milwaukee \& St. Paul Railroad, The Macmillan Company.
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16. Political alliances, and such terms from secular or ecclesiastical history as have, through their associa-
tions, acquired special significance as designations for parties, classes, movements, etc. (see 9):
Protestant League, Holy Alliance, Dreibund; the Roses, the Roundheads, Independents, Independency (English history), Nonconformist, Dissenter, Separatist.
17. Conventions, congresses, expositions, etc.:

Council of Nicaea, Parliament of Religions, Fifteenth International Congress of Criminology, Westminster Assembly, Chicago World's Fair, Louisiana Purchase Exposition.
18. Titles of specific treaties, acts, laws (juridical), bills, etc.:
Treaty of Verdun, Art. V of the Peace of Prague, Edict of Nantes, Concordat, the Constitution (of the United States, when standing alone, or when referred to as a literary document; but not usually that of any other state or country, e.g., the constitution of Illinois), Declaration of Independence, Act of Emancipation, Magna C(h)arta, Corn Law, Reform Bill (English), Fourteenth Amendment.
19. Creeds and confessions of faith:

Apostles' Creed, Nicene Creed (but: ante-Nicene-see 203, 208), Augsburg Confession, Thirty-nine Articles.
20. Civic holidays and ecclesiastical fast and feast days:
Fourth of July (the Fourth), Labor Day, Thanksgiving Day; Easter, Passover, Feast of Tabernacles, New Year's Day.
21. Titles of honor and respect, whether religious, civil, or military, preceding the name, and academic degrees, in abbreviated form, following the name; all titles of honor or of nobility, when referring to
specific persons, either preceding the name or used in place of the proper name; familiar names applied to particular persons; orders (decorations) and the titles accompanying them; titles, without the name, used in direct address; titles without the name when used of existing incumbents of office; and such words as "President," "King," "Czar" ("Tsar"), "Kaiser," "Sultan," and "Pope," standing alone, when referring to a specific ruler or incumbent:
Queen Victoria, ex-President Cleveland, Rear-Admiral Dewey, Brigadier-General Brown, Lieutenant-Commander Smith; United States Commissioner of Education Harris, Dr. Davis; Father Boniface, Deacon Smith; Timothy Dwight, DD., LL.D.; the Prince of Wales, the Marquis of Lorne, His Majesty, His Grace; the Apostle to the Gentiles, "the Father of his Country"; order of the Red Eagle, Knight Commander of the Bath; "Allow me to suggest, Judge . . . ."; the Bishop of London; the Senator; "The President [of the United States] was chosen arbitrator," "the King wore his robes," "the Kaiser's Moroccan policy."
But do not capitalize the official title of a person when the title follows the name (see 49); when standing alone, without the name (with the exceptions noted above, and see 49); or when, followed by the name, it is preceded by the article "the": McKinley, president of the United States; B. L. Gildersleeve, professor of Greek (see 49); Ferdinand W. Peck, commis-sioner-general to the Paris Exposition; the emperor of Germany (meaning other than the existing emperor),
the archbishop (meaning other than the existing incumbent), the senator (when not speaking of the existing member), the archduke Francis Ferdinand, the apostle Paul.
22. Abbreviations like Ph.D., M.P., and F.R.G.S. (such titles to be set without space between the letters) (see 52, 103, 106). But do not capitalize such phrases when spelled out (but see 25):
doctor of philosophy, fellow of the Royal Geographical Society.
23. Abbreviations consisting of one letter only, except in case of units of measurement and minor literary subdivisions (see 54, 55, IIO, III):
R.V. (Revised Version), C. (centigrade), L.C.M. (lowest common multiple), H.P. (horse-power), A (angstrom units).
24. Nouns and adjectives used to designate the Supreme Being or Power, or any member of the Christian Trinity; and all pronouns referring to the same, when not closely preceded or followed by a distinctive name, or unless such reference is otherwise perfectly clear:
the Almighty, Ruler of the universe, the First Cause, the Absolute, Providence (personified), Father, Son, Holy Ghost, the Spirit, Savior, Messiah, Son of Man, the Logos, [and the Virgin Mary]; "Trust Him who rules all things" (but: "When God had worked six days, he rested on the seventh").
But do not capitalize such expressions and derivatives as-
(God's) fatherhood, (Jesus') sonship, messiahship, messianic hope, christological (but: Christology).
25. Words which have an acquired, limited, or special meaning:
the Doctor's degree; a report of the Master (in chancery); a Bachelor's hood; a Freshman.
But do not capitalize such expressions asthe doctorate, a master in chancery (the last two words being explanatory, the capitalization of "master" is here no longer necessary to indicate a special meaning).
26. "Nature" and similar terms, and abstract ideas, when personified:
"Nature wields her scepter mercilessly"; "Vice in the old English morality plays."
27. "Father" used for church father, and "reformers" used of Reformation leaders, whenever the meaning otherwise would be ambiguous:
the Fathers, the early Fathers, the Greek Fathers, [Pilgrim Fathers], the Reformers (but: the church reformers of the fifteenth century).
28. The word "church" in properly cited titles of nationally organized bodies of believers in which, through historical associations, it has become inseparably linked with the name of a specific locality; or when forming part of the name of a particular edifice:
Church of Rome, Church of England, High Church; Church of the Holy Sepulcher, Fifth Avenue Baptist Church, First Methodist Church.
But do not capitalize, except as noted above, when standing alone, in any sense-universal, national,

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local-or when the name is not correctly or fully quoted:
the church (=organized Christianity), the Eastern (Greek Orthodox) church, the Roman Catholic church, the established church (but: the Establishment), the state church; the Baptist church in Englewood.

Note.-In exceptional cases, where the opposition of Church and State constitutes a fundamental part of the argument, and it is desired to lend force to this antithesis, emphasis may be added by capitalizing the two words. (See Preface to first edition.)
29. Names for the Bible and other sacred books:
(Holy, Sacred) Scriptures, Holy Writ, Word of God, Book of Books; Koran, Vedas, Mishna, the Upanishads; Apocrypha.
But do not capitalize adjectives derived from such nouns:
biblical, scriptural, koranic, vedic, talmudic, apocryphal.
30. Versions of the Bible:

King James's Version, Authorized Version (A.V.), Revised Version (R.V.), Polychrome Bible, Septuagint (LXX), Peshitto.
31. Books and divisions of the Bible and of other sacred books (see 60):
Old Testament, Pentateuch, Exodus, II (Second) Kings, Book of Job, Psalms (Psalter), the [Mosaic] Law and the [writings of the] Prophets, Minor Prophets, Wisdom Literature, Gospel of Luke, Synoptic Gospels, Fourth Gospel, Acts of the Apostles (the Acts), Epistle to the Romans, Pastoral Epistles, Apocalypse (Revelation), Sermon on the Mount, Beatitudes, Lord's Prayer, Ten Commandments (Decalogue), Judith, Bel and the Dragon.

But do not capitalize words like "book," "gospel," "epistle," "psalm" in such connections asthe five books of Moses, the first forty psalms, the gospels and epistles of the New Testament, [the synoptic problem, the synoptists, the biblical apocalypses.
32. Biblical parables:
the parable of the Prodigal Son.
33. Such miscellaneous terms as-

Last Supper, Eucharist, the Passion, the Twelve (apostles), the Seventy (disciples), the Servant, the Day of Yahweh, the Chronicler, the Psalmist, the Golden Rule.
34. The first word of a sentence, and in poetry the first word of each line:

In summer, on the headlands, The Baltic Sea along, Sits Neckan, with his harp of gold, And sings his plaintive song.
In Greek and Latin poetry, however, capitalize only the first word of a paragraph, not of each verse (line):






Talia praefantes quondam felicia Pelei carmina diuino cecinerunt pectore Parcae praesentes: namque ante domos inuisere castas heroum et sese mortali ostendere coetu caelicolae nondum spreta pietate solebant.
the archbishop (meaning other than the existing incumbent), the senator (when not speaking of the existing member), the archduke Francis Ferdinand, the apostle Paul.
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31. Books and divisions of the Bible and of other sacred books (see 60):
Old Testament, Pentateuch, Exodus, II (Second) Kings, Book of Job, Psalms (Psalter), the [Mosaic] Law and the [writings of the] Prophets, Minor Prophets, Wisdom Literature, Gospel of Luke, Synoptic Gospels, Fourth Gospel, Acts of the Apostles (the Acts), Epistle to the Romans, Pastoral Epistles, Apocalypse (Revelation), Sermon on the Mount, Beatitudes, Lord's Prayer, Ten Commandments (Decalogue), Judith, Bel and the Dragon.

But do not capitalize words like "book," "gospel," "epistle," "psalm" in such connections asthe five books of Moses, the first forty psalms, the gospels and epistles of the New Testament, [the synoptic problem, the synoptists], the biblical apocalypses.
32. Biblical parables:
the parable of the Prodigal Son.
33. Such miscellaneous terms as-

Last Supper, Eucharist, the Passion, the Twelve (apostles), the Seventy (disciples), the Servant, the Day of Yahweh, the Chronicler, the Psalmist, the Golden Rule.
34. The first word of a sentence, and in poetry the first word of each line:

> In summer, on the headlands, The Baltic Sea along,
> Sits Neckan, with his harp of gold, And sings his plaintive song.

In Greek and Latin poetry, however, capitalize only the first word of a paragraph, not of each verse (line):



 кои́р $\eta$ 'Iкорíoго, $\pi \in \rho i ́ \phi \rho \omega \nu ~ \Pi \eta v \in \lambda o ́ \pi \epsilon є а . ~$

Talia praefantes quondam felicia Pelei carmina diuino cecinerunt pectore Parcae praesentes: namque ante domos inuisere castas heroum et sese mortali ostendere coetu caelicolae nondum spreta pietate solebant.
35. The first word after a colon only when introducing a complete passage, or sentence which would have independent meaning, as in summarizations and quotations not closely connected with what precedes; or where the colon has the weight of such expression as "as follows," "namely," "for instance," or a similar phrase, and is followed by a logically complete sentence:
"In conclusion I wish to say: It will be seen from the above that . . . ."; "As the old proverb has it: 'Haste makes waste"; "My theory is: The moment the hot current strikes the surface . . . ."

But do not capitalize the first word of a quotation if immediately connected with what precedes (unless, as the first word of a sentence, beginning a paragraph in reduced type); or the first word after a colon, if an implied "namely," or a similar term, is followed by a brief explanatory phrase, logically dependent upon the preceding clause; or if the colon signalizes a note of comment:
"The old adage is true that 'haste makes waste""; "Two explanations present themselves: either he came too late for the train, or he was detained at the station"; "We could not prevail upon the natives to recross the stream: so great was their superstition."
36. As a rule, the first word in sections of enumeration, if any one link contains two or more distinct clauses (not inclosed in parentheses), separated by a semicolon, colon, or period, unless all are dependent
upon the same term preceding and leading up to them (see 138):
His reasons for refusal were three: ( I ) He did not have the time. (2) He did not have the means; or, at any rate, had no funds available at the moment. (3) He doubted the feasibility of the plan. But: He objected that (1) he did not have the time; (2) he did not have the means; or, at any rate, had no funds available; (3) he doubted the feasibility of the plan.
37. As a rule, nouns followed by a numeral-particularly a capitalized Roman numeral-indicating their order in a sequence:
Room 16, Ps. 20, Grade IV, Act I, Vol. I, No. 2, Book II, Div. III, Part IV.

But do not capitalize such minor subdivisions of publications as-
sec. 4, scene 1, art. iii, art. "Evidence," chap. 2 (ii), p. 7 (vii), vs. Ir, 1. 5, n. 6. (See IIO.)
38. The first word of a cited speech (thought) in direct discourse, whether preceded by a colon or a comma (on this see 13I):
On leaving he remarked: "Never shall I forget this day"; With the words, "Never shall I forget this day," he departed; I thought to myself: This day I shall never forget (without quotation marks).
39. In resolutions, the first words following "Whereas" and "Resolved":

Whereas, It has pleased God . . . . ; therefore be it Resolved, That . . . .
40. The exclamations " O " and "Oh" (see II7):
"O Lord!" "I know not, Oh, I know not!" "Oh, that I were home again!"

4I. All the principal words (i.e., nouns, pronouns, adjectives, adverbs, verbs, first and last words) in English titles of publications (books, pamphlets, documents, periodicals, reports, proceedings, etc.), and their divisions (parts, chapters, sections, poems, articles, etc.); in subjects of lectures, papers, toasts, etc.; in cap-and-small-cap and italic center-heads (both of which, however, should be avoided), and bold-face cut-in heads and side-heads; in cap-and-small-cap box-heads in tables (see 279-83) :
The Men Who Made the Nation; The American CollegeIts Past and Present; the Report of the Committee of Nine; "In the Proceedings of the National Education Association for 1907 there appeared a paper entitled, 'The Financial Value of Education.'"

Note.-The Botanical Gazette capitalizes only first words and proper names; and the practice may properly be followed in general bibliographies, such as are to be found under the title "Literature Cited" in the Botanical Gazette (see 60). This style is very generally followed by librarians and others in the compilation of lists of books and publications.
42. In foreign titles, in addition to capitalizing the first word, follow these general rules:
a) In Latin, capitalize proper nouns, and adjectives derived therefrom:

De amicitia, Bellum Gallicum.
b) In French, Italian, Spanish, Swedish, and Norwegian titles, capitalize proper nouns but not adjectives derived therefrom:
Histoire de la litterature franfaise, Novelle e racconti popolari italiani, Antologia de poetas liricos castellanos, Svenska litteraturens historie.
c) In German and Danish, capitalize all nouns but not the adjectives, except German adjectives derived from the names of persons:
Geschichte des deutschen Feudalwesens (but: die Homerische Frage), Videnskabens Fremskridt i det nittende Aarhundrede.
d) In Dutch, capitalize all nouns, and all adjectives derived from proper nouns:
Geschiedenis der Nederlandsche Taal.
43. In mentioning titles of newspapers and magazines do not, as a rule, treat the definite article as part of the title:
the Chicago Tribune, the School Review.
44. Titles of ancient manuscripts (singular, MS; plural, MSS) (see 60):
Codex Bernensis, Cod. Canonicianus.
45. In titles with the main words capitalized, all nouns forming parts of hyphenated compounds:
"Twentieth-Century Progress," "The Economy of HighSpeed Trains."
But do not capitalize such components when other than nouns:
Fifty-first Street, "Lives of Well-known Authors," "WorldDominion of English-speaking Peoples."
46. In botanical, geological, zoölogical, and paleontological matter, the scientific (Latin) names of divisions, orders, families, and genera, but not their English derivatives:
Cotylosauria, but: cotylosaurs; Felidae, but: felids; Carnivora, but: carnivores.
Also in botanical and zoölogical matter, the names of species, if derived from names of persons, or from generic names; but in geological and medical matter the names of species are never capitalized:
Felis leo, Cocos nucifera, Rosa Carolina, Parkinsonia Torreyana, Styrax californica, Lythrum hyssopifolia, Phyteuma Halleri, Carex Halleriana (but [geological]: Pterygomatopus schmidti, Conodectus favosus). (See 71.)
47. The names and epithets of peoples, races, and tribes: Kafir, Negro (in its ethnical sense), Hottentot, Makassar, Buginese, Celestials.
48. In astronomical work, the names of the bodies of our solar system (except "sun," "earth," "moon," "stars"):
the Milky Way, the Great Bear, Saturn.
49. Divisions, departments, officers, and courses of study of the University of Chicago, in all official work dealing with its administration or curricula:
(the University), the School of Education (the School), the University Extension Division (but: the division), the Department of Anthropology (but: the department); the Board of Trustees (the Trustees, the Board), the Senate, the Council,
the Faculty of the College of Commerce and Administration, Dean of the Faculties (but: the faculty); the President, the Registrar, Professor of Physics, Assistant in Chemistry, Fellow, Scholar; the Van Husen Scholarship (but: the scholarship); courses in Political Economy, Autumn Quarter (but: a quarter), First Term (but: two terms; major, minor); [Hall (referring to the University dormitories)].

## Use Capitals and Small Capitals for-

50. The names of town and state in the date line, and the salutatory phrase at the beginning, of letters, and the signature and residence at the end of letters or articles, etc.:

Chicago, ILL., January i, igir
(Set to the right, with one em's indention, and preferably in smaller type than the body of the letter.)
My dear Mr. Smith:
(Set flush, followed by a colon, in the same type as the body of the letter, and in a separate line, unless preceded by another line giving the name and address, in which case it should be run in with the text of the letter, indented as a paragraph [see 64].)

Charles W. Scott
(Set to the right, with one em's indention, and in the same type as the body of the letter or article.)

Harvard University
Cambridge, Mass.
June 7, igII
(Set to the left, with two ems' indention, in smaller type.) (Each line of the address should be in caps and small caps, and should be centered on the one preceding. The date
should be in caps and lower case, likewise centered on those above.)

5I. In resolutions, the word "Whereas" (see 39); in notes (not footnotes), the word "Note," which should be followed by a period and a dash; in constitutions, by-laws, etc., the word "Section" introducing paragraphs and followed by a number:
Note.-It should be noticed that
Section i. This association shall be styled
The usual practice is to abbreviate the word "section" each time it is used in such a connection, except the first:
Section r. The name of the association
Sec. 2. The object of the association

## Set in Small Capitals-

52. A.M. and P.M. (ante and post meridiem), and B.c. and A.D. ("before Christ" and anno Domini); these should be set without a space between (see 22, 103, 106, 219) :

1I:30 A.M.; 53 B.C., 1906 A.D.
Use Small (i.e., "lower-case") Initial Letter for-
53. Words of common usage, originally proper names, and their derivatives, in whose present, generalized acceptation the origin has become obscured, and generally all verbs derived from proper names (see I):
utopia, bohemian, philistine, titanic, platonic, quixotic, bonanza, china, morocco, guinea-pig, boycott, roman (type), italicize, anglicize, macadamize.
54. In literary references such minor subdivisions and their abbreviations as-
chapter, section, page, article, verse, line, note; chap., sec., p., art., vs., l., n. (See 37, 110, and 237.)
55. Units of measurement as-
$\mathrm{h} .=$ hour, $\min .=$ minute, sec. $=$ second; $\mathrm{lb} .=$ pound, $\mathrm{oz} .=$ ounce; yd. = yard, ft. = foot; etc.
56. In italic side-heads, all but the first word and proper names (see 172 and 280).
57. The first word of a quotation which, through a conjunction or otherwise, is immediately connected with what precedes, even if such word in the original begins a sentence.
For illustration and exception see 35 and 13 r.

## THE USE OF ITALICS

## Italicize-

58. Words or phrases to which it is desired to lend emphasis, importance, etc.:
"This was, however, not the case"; "It is sufficiently plain that the sciences of life, at least, are studies of processes."
59. Words and phrases from foreign languages, inserted into the English text, and not incorporated into the English language; and also (as a rule) single sentences or brief passages not of sufficient length to call for reduced type (see 85):
"the Darwinian Weltanschauung"; "Napoleon's coup d'etat"; "the debater par excellence of the Senate"; "De gustibus non est disputandum, or, as the French have it, Chacun id son gout."

But do not italicize foreign titles preceding names, or names of foreign institutions or places the meaning or position of which in English would have required roman type, and which either are without English equivalents or are by preference used in lieu of these:

Père Lagrange, Freiherr von Schwenau; the German Reichstag, the Champs Elysées, the Museo delle Terme;
nor words of everyday occurrence which have become sufficiently anglicized, even though still retaining the accents of the original language:

| a posteriori | ennui | per cent |
| :--- | :--- | :--- |
| a priori | entré | per contra |
| ex cathedra | personnel |  |
| apropos | ex officio | postmortem |
| aide de camp | expose | (n. and adj.) |
| Alma Mater | façade | prima facie |
| attache | facsimile | pro and con(tra) |
| bas-relief | fete | protége |
| beau ideal | habeas corpus | pro tem(pore) |
| bona fide | habitue | questionnaire |
| bric-a-brac | innuendo | queue |
| café | levee | regime |
| charge d’affaires | litterateur | rendezvous |
| chiaroscuro | lientele | litterati |
| césumé |  |  |
| confrère | massage | reveille |
| connoisseur | matinee | role |
| crèche | mellee | savant |
| criterion (-a) | menu | sobriquet |
| cul-de-sac | motif | soirée |
| data | naIve | tete-à-tete |
| débris | née | tonneau |
| début | net | umlaut |
| decolleté | névé | verbatim |
| denouement | niche | verso |
| dépott (=depository) | nil | versus (v., vs.) |
| doctrinaire | nom de plume | via |
| dramatis personae | papier mâché | vice versa |
| éclat | per annum | vis-a-vis |
| elite | per capita | viva voce |
|  |  |  |

60. Titles of publications-books (including plays, essays, cycles of poems, and single poems of considerable length, usually printed separately, and not from the context understood to form parts of a larger volume [see 81]), pamphlets, treatises, tracts, documents, and periodicals (including regularly appearing proceedings and transactions; and also the name of a journal appearing in the journal itself) (see 4I); and
in the case of newspapers, periodicals, etc., the name of the city (where published) when forming an integral part of the name:
Spencer, Principles of Sociology; A Midsummer-Night's Dream; Idylls of the King; Paradise Lost; the Modern Language Review, the Chicago Tribune, the New York Times, Report of the United States Commissioner of Education.

Note.-The Botanical Gazette uses italics for such titles in the text only; in footnotes, roman. Its own name it prints in caps and small caps-Botanical Gazette.
This rule may be departed from in lengthy bibliographical lists, in tables, or in other matter where to follow it would result in an undue preponderance of italics (see note to 4I).
Books of the Bible, both canonical and apocryphal, and titles of ancient manuscripts should be set in roman type, as also symbols used to designate manuscripts (see 3 I and 44):
Di6, M6, P, J.
61. The following words, phrases, and abbreviations used in literary and legal references: ad loc., circa (ca.), et al., ibid., idem, infra, loc. cit., op. cit., passim, sic, supra, s.v., vide.
But do not italicize-
cf., e.g., i.e., v. or vs. (versus), viz., etc.
62. The words See and See also, when used in an index or similar compilation, for the purpose of a crossreference, where the differentiation of those words from the context is desirable; and the words for
and read in lists of errata, to separate them from the incorrect and correct readings:
See also Sociology; for levee read levee.
63. The names of plaintiff and defendant in the citation of legal causes; also the titles of proceedings containing such prefixes as in re, ex parte, and In the matter of, etc.:
Conolly v. Union Sewer Pipe Co.; In re Smith; Ex parte Brown; In the matter of the petition of Henry Robinson for a writ of habeas corpus.
64. Address lines in speeches, reports, etc., and primary address lines in letters (set flush, in a separate line, with nouns capitalized [see 50]):
Mr. President, Ladies and Gentlemen:
Mr. John Smith, 32 Dearborn Street, Chicago, Ill.
Dear Sir: I take pleasure in announcing . . . .
65. In signatures, the position or title added after the name. If this consists of only one word, it is run into the same line with the name; if of more than one, but no longer than the name, center the first letter under the name line, and indent one em on the right; if longer than the name, center the name over the second line and set this flush. These rules are, however, subject to the exigencies of special cases:

Arthur P. Maguire, Secretary
Yours very truly,
Carter h. Harrison
Mayor of Chicago
Charles M. Gayley
Professor of English Language and Literature
66. a), b), c), etc., used to indicate subdivisions (single parenthesis if beginning a paragraph, double parentheses if "run in"); and $a, b, c$, etc., affixed to the number of verse, page, etc., to denote fractional part: Luke 4:3ia.
67. Letters used to designate unknown quantities, lines, etc., in algebraic, geometrical, and similar matter: $a c+b c=c(a+b)$; the lines $a d$ and $A D$; the $n$th power.
68. As a rule, letters in legends or in the text referring to corresponding letters in accompanying illustrations:
"At the point $A$ above (see diagram)."
69. References to particular letters: the letter $u$, a small $v$.
70. s. and $d$. (=shillings and pence) following numerals: 35. 6 d. (See 270.)
71. In zoölogical, geological, and paleontological matter, scientific (Latin) names of genera and species when used together, the generic name being in the nominative singular:
Felis leo, Rosa Carolina, Conodectes favosus, Phyteuma Halleri. (See 46, 48.)
In botanical, geological, and paleontological matter the names of genera and species when used together, and of genera, only, when used alone: Acer saccharum, Basidiobolus, Allernaria, Erythrosuchus.

In medical matter, however, the general practice is to print such names in roman, avoiding italics altogether.

In astronomical and astrophysical matter:
a) The lower-case letters designating certain Fraunhofer lines:

$$
a, b, g, h .
$$

b) The lower-case letters used by Baeyer to designate certain stars in constellations for which the Greek letters have been exhausted:
$f$ Tauri, $u$ Herculis.
In accordance with the best modern practice, italics should no longer be used for:
a) The Greek, Latin, and Arabic names of planets, satellites, constellations, and individual stars:
Jupiter, Tethys, Lyra, Antares, $\psi$ Orionis.
b) Designationś of celestial objects in well-known catalogues; also the Flamsteed numbers:
M 13 (for No. 13 of Messier's Catalogue of Nebulae and Clusters), Bond 619, N.G.C. 6165, B.D. $-18^{\circ} 487 \mathrm{I}$; 85 Pegasi, Lalande 5761.

But when initials are used to express the titles of catalogues, as such, and not to designate a particular celestial object, such initials are to be italicized (see 60):
B.D., N.G.C.
c) Symbols for the chemical elements: $\mathrm{H}, \mathrm{Ca}, \mathrm{Ti}$.
d) The capital letters given by Fraunhofer to spectral lines:
$\mathrm{A}-\mathrm{H}$, and K .
e) The letters designating the spectral types of stars:
$\mathrm{A}_{5}, \mathrm{~B}_{3}, \mathrm{Mb}$.
f) The capital letter H with different Greek subscript letters, used to designate lines of hydrogen: $H_{a}, H_{\beta}$, etc.
72. In resolutions, the word "Resolved." (See 39.)
73. After headlines or titles, as a rule, the word "Continued"; and "To be continued" at the end of articles (see 179):

THE SCOPE OF SOCIOLOGY-Continued
[To be continued]

## QUOTATIONS

Put between Quotation Marks (and in roman typei.e., "roman-quote")-
74. Citations, run into the text, of a passage from an author in his own words (see 85).
75. Quotations from different authors, or from different works by the same author, following each other, uninterrupted by any intervening original matter, or by any reference to their respective sources (other than a reference figure for a footnote), even though such quotations are reduced (see 85-87).
76. A word or phrase accompanied by its definition: "Drop-folio" means a page-number at the foot of the page.
77. An unusual, technical, ironical, etc., word or phrase in the text, whether or not accompanied by a word, like "so-called," directing attention to it:
Her "five o'clocks" were famous in the neighborhood; She was wearing a gown of "lobster-colored" silk; He was elected "master of the rolls"; We then repaired to what he called his "quarter deck"; A "lead" is then inserted between the lines; This so-called "man of affairs."
78. In translations, the English equivalent of a word, phrase, or passage from a foreign language:
Weltanschauung, "world-view" or "fundamental aspect of life"; Mommsen Römische Geschichte ("History of Rome").
79. The particular word or words to which attention is directed:
the term "lynch law"; the phrase "liberty of conscience"; the concepts "good" and "bad"; the name "Chicago."
80. Serial titles:
"English Men of Letters" series; "International Critical Commentary."
81. Titles of shorter poems (see 60):

Shelley's "To a Skylark."
82. Cited titles of subdivisions (e.g., parts, books, chapters, etc.) of publications; titles of papers, lectures, sermons, articles, toasts, mottoes, etc.:
The Beginnings of the Science of Political Economy, Vol. I, "The British School," chap. ii, "John Stuart Mill"; the articles "Cross," "Crucifixion," and "Crusade" in Hastings' Dictionary of the Bible; The subject of the lecture was "Japan-Its Past, Present, and Future"; the next toast on the program was "Our German Visitor"; The king's motto is "For God and My Country."

Note.-The Botanical Gazette, in footnotes, does not use quotation marks for such titles.
References to the Preface, Introduction, Table of Contents, Index, etc., of a specific work, should be set with capitals, without quotation marks:
Preface, p. iii; "The Introduction contains . . . ."; "The Appendix occupies a hundred pages"; but: "The book has a very complete index."
83. Names of ships: the U.S. SS. "Oregon."
84. Titles of pictures and works of art: Murillo's "The Holy Family."

Set in Smaller Type-
85. Ordinarily, all prose extracts which will make five or more lines in the smaller type, and all poetry citations of two lines or more. An isolated prose quotation, even though its length would bring it under this rule, may properly be run into the text, if it bears an organic relation to the argument presented. On the other hand, a quotation of one or two lines which is closely preceded or followed by longer extracts, set in smaller type, may likewise be reduced, as a matter of uniform appearance.
86. As a rule, reduce from ir-pt. and io-pt. to 9 -pt., from 9-pt. to 8-pt., from 8-pt. to 6-pt. (see 252).
87. Reduced citations should not have quotation marks, except in such cases as noted in 75; nor should quotation marks, as a rule, be used in connection with italics.

## General Rules-

88. Quotation marks should always include ellipses, and the phrase "etc." when it otherwise would not be clear that it stands for an omitted part of the matter quoted, perfect clearness in each individual case being the best criterion:
"Art. II, sec. 2, of the Constitution provides that 'each state shall appoint . . . . a number of electors equal to the whole
number of senators and representatives . . . .""; "He also wrote a series of 'Helps to Discovery, etc.'"-"etc." here indicating, not that he wrote other works which are unnamed, but that the title of the one named is not given in full; but, on the other hand: "Preaching from the text, 'For God so loved the world,' etc. . . . ."-"etc." here being placed outside of the quotation marks in order to show that it does not stand for other, unnamed, objects of God's love.
89. Quoted prose matter (i.e., matter set with quotation marks; see above) which is broken up into paragraphs should have the quotation marks repeated at the beginning of each paragraph.
90. Where alignment is desired, the quotation marks should be "cleared"-i.e., should project beyond the line of alignment:
"Keep away from dirtiness-keep away from mess. Don't get into doin' things rather-more-or-less!"
91. Double quotation marks are used for primary quotations; for a quotation within a quotation, single; going back to double for a third, to single for a fourth, and so on:
"The orator then proceeded: 'The dictionary tells us that "the words, 'freedom' and 'liberty,' though often interchanged, are distinct in some of their applications." ' "

## SPELLING

## Spell out-

92. All religious, civil, and military titles of honor and respect, and forms of address, preceding the name, except Mr., Messrs., Mrs. (French: M., MM., Mme, Mlle), Dr., Rev., Hon., St. (do not, except in quotations and in correspondence, set the Rev., the Hon.); Esq., following the name, should likewise always.be abbreviated.
93. Christian names, as George, Charles, John (not: Geo., Chas., Jno.), except where the abbreviated form is used in quoted matter or in original signatures; and "von" as part of a person's name (see 240).
94. Subject to the exceptions named at the end of this section, in ordinary reading-matter, all numbers of less than three digits, unless of a statistical or technical character, or unless occurring in groups of six or more following each other in close succession:
"There are thirty-eight cities in the United States with a population of 100,000 or over"; "a fifty-yard dash"; "two pounds of sugar"; "Four horses, sixteen cows, seventy-six sheep, and a billy goat constituted the live stock of the farm"; "He spent a total of two years, three months, and seventeen days in jail." But: "He spent 128 days in the hospital"; "a board 20 feet 2 inches long by $1 \frac{1}{2}$ feet wide and it inches
thick"; the ratio of 16 to I "; "In some quarters of Paris, inhabited by wealthy families, the death-rate is 1 to every 65 persons; in others, inhabited by the poor, it is I to 15 "; "His purchase consisted of 2 pounds of sugar, 20 pounds of flour, I pound of coffee, $\frac{1}{2}$ pound of tea, 3 pounds of meat, and I $\frac{1}{2}$ pounds of fish, besides 2 pecks of potatoes and a pint of vinegar."
Treat all numbers in connected groups alike, as far as possible; do not use figures for some and spell out others; if the largest contains three or more digits, use figures for all (see 96 ) )
"The force employed during the fis months was 87, 93, and io6, respectively."
As a general rule, however, decimals, degrees, dimensions, distances, enumerations, money, percentage, weights, and like matter should be expressed in figures:
$10^{\circ}, 45$ miles, 3 cubic feet, 24 pages, 100 bushels, 9 per cent (see 123), 45 pounds, $\$ 1,000$, etc.
95. Round numbers (i.e., approximate figures in even units, the unit being 100 in numbers of less than 1,000 , and 1,000 in numbers of more):
"The attendance was estimated at five hundred" (but: "at 550 "); "a thesis of about three thousand words" (but: "of about 2,700 "); "The population of Chicago is approximately two millions" (but: " $1,900,000$ "). Cases like 1,500 , if for some special reason spelled out, should be written "fifteen hundred," not "one thousand five hundred."
96. All numbers, no matter how high, commencing a sentence in ordinary reading-matter:
"Five hundred and ninety-three men, 417 women, and 126 children urder eighteen, besides 63 of the crew, went down with the ship."
When this is impracticable, or for any reason undesirable, reconstruct the sentence; e.g.:
"The total number of those who went down with the ship was 593 men," etc.
97. Sums of money, when occurring in isolated cases in ordinary reading-matter:
"The admission was two dollars."
When several such numbers occur close together, and in all matter of a statistical character, use figures: "Admission: men, \$2; women, \$r; children, 25 cents."
98. Time of day, in ordinary reading-matter:
at four; at half-past two in the afternoon; at seven o'clock.
Statistically, in enumerations, and always in connection with A.M. and P.M., use figures:
at 4:15 P.M. (omit "o'clock" in such connections).
99. Ages:
eighty years and four months old; children between six and fourteen.
100. Numbers of centuries, of Egyptian dynasties, of sessions of Congress, of military bodies, of political divisions, of thoroughfares, and in all similar cases, unless brevity is an important consideration (see 7,8 , and 13):
nineteenth century; Fifth Dynasty; Fifty-fourth Congress, Second Session; Fifteenth Infantry I.N.G.; Sixth Con-- gressional District, Second Ward; Fifth Avenue.
101. References to particular decades: in the nineties.
102. Names of months, except in statistical matter or in long enumerations:
from January I to April 15 (omit, after dates, st, $d$, and $t h$ ).
103. "United States," except in quotations and such connections as: General Schofield, U.S.A.; U.S. SS. "Oregon"; in footnotes and similar references: U.S. Geological Survey (see 22, 52, 106).
104. "Railroad (-way)," and "Fort," "Mount," and "Port" in geographical appellations (see 4):
Chicago, Milwaukee \& St. Paul Railroad (not: R.R. or Ry.); Fort Wayne, Mount Elias, Port Huron.
105. In most cases, all names of publications. This rule, like many another, is open to modification in particular instances, for which no directions can here be given. Expediency, nature of context, authoritative usage, and author's preference are some of the points to be considered. Generally, if in doubt, spell out; good taste will condone offenses in this direction more readily than in the opposite.

Abbreviate-
106. Names of states, territories, and possessions of the United States following those of towns, as follows, without space between the letters of abbreviations (see 22, 52, 103), when mentioned in lists,
bibliographical matter, etc., but not ordinarily in text-matter:

| Ala. | Ia. | Neb. | Samoa |
| :--- | :--- | :--- | :--- |
| Alaska | Kan. | Nev. | S.C. |
| Ariz. | Ky. | N.H. | S.D. |
| Ark. | La. | N.J. | Tenn. |
| Cal. | Me. | N.M. | Tex. |
| Colo. | Mass. | N.Y. | T.H.=Territory |
| Conn. | Md. | Ohio | of Hawaii |
| D.C. | Mich. | Okla. | Utah |
| Del. | Minn. | Ore. | Vt. |
| Fl. | Miss. | Pa. | Va. |
| Ga. | Mo. | P.I. = Philippine | Wash. |
| Idaho | Mont. | P.R. Islands Wis. |  |
| Ill. | N.C. | Prto Rico W.Va. |  |
| Ind. | N.D. | R.I. | Wyo. |

107. In technical matter (footnote references, bibliographies, etc.), "Company" and "Brothers," and the word "and" ( \& = "short and" or "ampersand"), in names of commercial firms:
The Macmillan Co., Macmillan \& Co., Harper Bros.; Chicago, Milwaukee \& St. Paul Railroad.
In text-matter, not of a technical character, "Company" and "Brothers" may, however, be spelled out: "Harper Brothers have recently published . . . ."; "The Century Company announces . . . ."; "The extraordinary story of the South Sea Company."
And when the name of a commercial concern does not consist of proper names, the "and" should be spelled out:
American Steel and Wire Co.
108. "Saint" before a name:

St. Louis, St. Peter's Church, SS. Peter and Paul.
"St." should, however, preferably be omitted in connection with the names of apostles, evangelists, and church fathers:
Luke, Paul, Augustine; not: St. Luke, St. Paul, etc.
109. In references to Scripture passages, the books of the Bible and of the Apocrypha, and versions of the Bible commonly referred to, as follows:

## OLD TESTAMENT

Gen.
Exod.
Lev.
Num.
Deut.
Josh.
Judg.
Ruth
I and II Sam.
I and II Kings I and II Chron.
Ezra
Neh.

Matt.
Mark
Luke
John
Acts
Rom.
I and II Cor.

I and II Esd.
Tob. $=$ Tobit
Jud. $=$ Judith
Rest of Esther

Esther Hos.
Job
Ps. (Pss.)
Prov. Obad.
Eccles. Jonah
Song of Sol. (or Mic. Cant.) Nah.
Isa. Hab.
Jer. Zeph.
Lam. Hag.
Ezek. Zech.
Dan. Mal.
new testament
Gal.
Eph.
Phil.
Col.
I and II Thess. I and II Tim. Jude Titus Rev.

## APOCRYPHA (APOC.)

Wisd. of Sol.
Ecclus.
Bar.
Song of Three Children

Sus.
Bel and Dragon
Pr. of Man.
I, II, III, and IV
Macc.

## versions of the bible commonly referred to

A.V. = Authorized Version.
R.V. = Revised Version.
R.V.m. $=$ Revised Version, margin.
A.R.V. = American Standard Revised Version.
A.R.V.m. = American Standard Revised Version, margin.
E.R.V. = English Revised Version.
E.R.V.m. $=$ English Revised Version, margin.
E.V. = English Version of the Bible.

Vulg. =Vulgate.
LXX =Septuagint.
110. In literary references, in footnotes and matter of a bibliographical character, "volume," "number," "psalm," "division," "chapter," "article," "section," "page," "column," "verse," "line," "note," "figure," followed by their number (see 37 and 237); and the word "following" after the number to denote continuance:
Vol. I (plural, Vols.), No. I (Nos.), Ps. 20 (Pss.), Div. III, chap. ii (chaps.), art. iii (arts.), sec. 4 (secs.), p. 5 (pp.), col. 6 (cols.), vs. 7 (vss.), 1. 8 (ll.), n. 9 (nn.), Fig. 7 (Figs.); pp. $5-7$ ( $=$ pages 5 to 7 inclusive), pp. 5 f. ( $=$ page 5 and the following page), pp. 5 ff. (=page 5 and the following pages).
111. The common designations of weights and measures in the metric system, as well as the symbols of measurement in common use, when following a numeral: r m., 2 dm., 3 cm ., $4 \mathrm{~mm} . ;$ c.m. (=cubic meter), c.d., c.c., c.mm.; gm. (=gram); gr. (=grain); h. (=hour), min. (=minute), sec. (=second); lb. (=pound), oz. (=ounce); yd., ft., in.; A (= angstrom units), H.P. (=horse-power), C. (= centigrade), F. (= Fahrenheit), and L.C.M. (=lowest common multiple), etc. (See 123.)

## General Rules-

112. In extracts from modern authors whose spelling and punctuation differ but slightly from ours, and where such variations do not affect the meaning, use office style. In citations from Old English works, and in cases where it appears to be essential to the writer's plan or the requirements of the context to give a faithful rendering, follow the original copy. Titles should always be accurately quoted.
113. Form the possessive of proper names ending in $s$ or another sibilant, if monosyllabic, by adding an apostrophe and $s$; if of more than one syllable, by adding an apostrophe alone:
King James's Version, Burns's poems, Marx's theories; Moses' law, Jesus' birth, Demosthenes' orations, Berlioz' compositions; for convenience' sake.
But in the case of proper names ending in a silent sibilant, the possessive is formed by the addition of the apostrophe and $s$, whether the word is monosyllabic or not:
Charlevoix's discoveries, Des Moines's population.
114. Before sounded $h$, long $u$ (or $e u$ ), and the words "one," "once," use "a" as the form of the indefinite article:
a hotel, a harmonic rendition, a historical work, a union, a euphonious word, such a one.
115. The ligatures $a$ and $\propto$ are not used at the present day, either in Latin and Greek words, or in words adopted into English from these languages. In

English these words are written either with $a e, o e$, separately, or with $e$ alone. The ligature is retained, however, in Old English, and in French: aetas; Oedipus Tyrannus; aesthetic; (but: œuvre, French); but: maneuver; Ælfred (Alfred in English).
116. Differentiate "farther" and "further" by using th former in the sense of "more remote," "at a greater distance"; the latter in the sense of "moreover," "in addition":
the farther end; he went still farther; further, he suggested; a further reason.
117. In forms of address (vocative) use the " O " without a comma following; for an exclamation use "Oh," followed by a comma or an exclamation point (see 40):
"O thou most mighty ruler!" "Oh, why did not Cerberus drag me back to hell ?"
118. The following participles retain the final $e$ in the primary word:

| agreeing | hieing | singeing |
| :--- | :--- | :--- |
| dyeing | hoeing | tingeing |
| eyeing | shoeing | vieing |

The following participles illustrate those that omit the $e$ before the terminal:

| abridging | changing <br> encouraging <br> acknowledging | judging <br> mistaking |
| :--- | :--- | :--- |
| aging | glazing | moving |
| arguing | gluing | organizing |
| awing | grudging | owing |
| biting | icing | trudging |
| bluing | issuing | truing |

119. Spell:

| abridgment | chlorid | fetish | Koran |
| :---: | :---: | :---: | :---: |
| accouter | chock-full | fiber flavor | labeled |
| adz | clinch | fluorid | lacquer |
| aegis | clue | focused | leukocyte |
| Aeolian | coeval | forward | leveled |
| sthetic | color | fulfil | libeled |
| afterward | controller ${ }^{\text { }}$ | fulness | liter |
| almanac | cotillion | gaiety | loath |
| aluminum | councilor | gild | lodgment |
| ambassador | counselor | gipsy | Lukan |
| amid | cozy | . glamor | maneuver |
| among |  | glycerin | Markan |
| anemia | defense | goodbye | marshaled |
| appareled | demarkation | graveled | marvelous |
| arbor | demeanor | gray | meager |
| archaeology | descendant ( n .) | gruesome | mediaeval |
| ardor | dieresis | guarantee (v.) | meter |
| armor | diarrhea | guaranty ( n.$)$ | miter |
| ascendency | disheveled | harbor | modeled |
| Athenaeum | disk | hematoxylin | Mohammedan |
| ax | dispatch | hemorrhage | mold |
| aye | distil | Hindu | molt |
| bark (vessel) | downward | honor | moneyed |
| barreled | draft | imbed | movable |
| bazaar | drought | impaneled | mustache |
| behavior | dueler | imperiled | neighbor |
| biased | dulness | incase | odor |
| blessed | dwelt | inclose | offense |
| bowlder | embitter | incrust | outward |
| burned | emir | incumbrance | oxid |
| caesura | employee | indorse | paean |
| caliber | encyclopedic | infold | paleography |
| canceled | endeavor | ingraft | paleontology |
| candor | engulf | instal | paneled |
| cannoneer | enrol | instil | parceled |
| canyon | ensnare (n.) | insure | ${ }_{\text {parquet }}$ |
| caroled | enwrapped | intrust | partisan |
| castor (roller) : | equaled | inward | peddler |
| caviler | Eskimo | jeweled | penciled |
| center | exhibitor | Judea | Phoenix |
| check | fantasy | judgment | pigmy |
| chiseled | favor | kidnaper | plow |


| practice <br> (n. and v.) | rumor <br> saber | subpoena <br> subtle <br> salable | traveler <br> trousers |
| :--- | :--- | :--- | :--- |
| pretense | salacor | trunkated |  |
| primeval | Savior | succor | sumac |
| program | savor | syrup | tumor |
| quarreled | scepter | taboo | upward |
| raveled | sepulcher | talc | valor |
| reconnoiter | sergeant | theater | vapor |
| reinforce | skepticism | thraldom | vendor |
| rencounter | skilful | thrash | whiskey |
| reverie | smolder | tormentor | wilful |
| rigor | somber | toward | woeful |
| rivaled | specter | trammeled | woolen |
| riveted | staunch | tranquilize | worshiper |
| ruble | steadfast | tranquillity | Yahweh |

Note.-Make one word of "anyone," "someone," "everyone," "today," "tomorrow," "tonight," "cannot" (see 204). Distinguish between "sometimes" and "some time(s)."
120. Differentiate between the terminations -ise and -ize as follows:

|  | SPELL WITH |  | -ise |
| :--- | :--- | :--- | :--- |
| advertise | comprise | enterprise | premise |
| advise | compromise | excise | reprise |
| affranchise | demise | exercise | revise |
| appraise | despise | exorcise | rise |
| apprise (to | devise | franchise | supervise |
| inform) | disfanchise | improvise | surmise |
| arise | disguise | incise | surprise |
| chastise | emprise | manuprise |  |
| circumcise | enfranchise | merchandise |  |


| aggrandize | autolyze | civilize | energize |
| :--- | :--- | :--- | :--- |
| agonize | baptize | classicize | epitomize |
| analyze | brutalize | colonize | equalize |
| anatomize | canonize | criticize | eulogize |
| anglicize | catechize | crystallize | evangelize |
| apologize | catholicize | demoralize | extemporize |
| apostrophize | cauterize | deputize | familiarize |
| apprize (to | centralize | dogmatize | fertilize |
| appraise) | characterize | economize | fossilize |
| authorize | christianize | emphasize | fraternize |


| galvanize | methodize <br> generalize | polarize <br> minimize | porofessionalize <br> gormandize |
| :--- | :--- | :--- | :--- |
| modernize | subsidize |  |  |
| harmonize | monopolize | protestantize | pumperize |
| sumarize |  |  |  |
| hellenize | moralize | realize | syllogize |
| humanize | nationalize | recognize | symbolize |
| immortalize | naturalize | reorganize | tantalize |
| italicize | neutralize | revolutionize | temporize |
| jeopardize | organize | satirize | tranquilize |
| legalize | ostracize | scandalize | tyrannize |
| liberalize | oxidize | scrutinize | utilize |
| localize | paralyze | signalize | vaporize |
| magnetize | particularize | solemnize | visualize |
| manumize | pasteurize | soliloquize | vitalize |
| memorialize | patronize | specialize | vocalize |
| mesmerize | philosophize | spiritualize | vulcanize |
| metamorphize | plagiarize | standardize | vulgarize |

## PUNCTUATION

121. All punctuation marks should be printed in the same style or font of type as the word, letter, or character immediately preceding them:
"With the cry of Banzail the regiment stormed the hill"; Luke 4: 16a; No. I.

## Period-

122. A period is used to indicate the end of a complete sentence (see 125).
123. Put a period after all abbreviations, except in cases where a mechanical necessity compels the omission of a letter or letters in the middle of a word for which there is no recognized abbreviated form; such omission is indicated by an apostrophe. Treat the metric symbols as abbreviations, but not the chemical symbols, nor the phrase "per cent," nor the format of books:
Macmillan \& Co., Mr. Smith, St. Paul, No. r, Chas. (see 93), ibid., s.v.; 10 mm .; but: m'f'g pl't (=manufacturing plant); $\mathrm{O}, \mathrm{Fe} ; 2$ per cent (see 94); 4to, 8 vo .

Note.-With respect to symbols for measures the following exceptions should be noted: Astrophysical Journal, 12 mm (with thin space and no period) (but: $2^{\mathrm{h}} 3^{\mathrm{m}} 4^{\mathrm{s}}$ ); Botanical Gazette, $12 \mathrm{~mm} ., 125 \mathrm{ft}$., 9 cc . (on line, with period).
But do not use a period, in technical matter, after the recognized abbreviations for linguistic epochs, or
for titles of well-known publications of which the initials only are given, nor after MS (=manuscript): IE (=Indo-European), OE (=Old English), MHG (=Middle High German); AJSL (=American Journal of Semitic Languages and Literatures), ZAW (=Zeitschritt juir alttestamentiche Wissenschaft), CIL (=Corpus Inscriptionum Latinorum).
124. Use no period after Roman numerals, even if having the value of ordinals:
Vol. IV; Louis XVI was on the throne.
125. Omit the period after running-heads (for explanation of this and the following terms see 279-83); after centered headlines; after side-heads set in separate lines; after cut-in heads; after box-heads in tables; and after superscriptions and legends which do not form a complete sentence (with subject and predicate); after date lines at top of communications, and after signatures (see 50).
126. The period is placed inside the quotation marks; and inside the parentheses when the matter inclosed is an independent sentence and forms no part of the preceding sentence; otherwise outside:
Tennyson's "In Memoriam." Put the period inside the quotation marks. (This is a rule without exception.) When the parentheses form part of the preceding sentence, put the period outside (as, for instance, here).

## Exclamation Point-

127. The exclamation point is used to mark an outcry, or an emphatic or ironical utterance:


#### Abstract

"Long live the king!" "Heaven forbid!" "Good!" he cried; "How funny this seems!" "This must not be!" The subject of his lecture was "The Thisness of the That"! The speaker went on: "Nobody should leave his home tomorrow without a marked ballot in their (!) pocket."


128. The exclamation point is placed inside the quotation marks or parentheses when part of the quotation or parenthetical matter; otherwise outside.
See illustrations in 127.

## Interrogation Point-

129. The interrogation point is used to mark a query, or to express a doubt:
"Who is this?" The prisoner gave his name as Roger Crowninshield, the son of an English baronet (?).
Indirect questions, however, should not be followed by an interrogation point:
He asked whether he was ill.
130. The interrogation point should be placed inside the quotation marks or parentheses only when it is a part of the quotation or parenthetical matter:
The question: "Who is who, and what is what?" Were you ever in "Tsintsinnati"?
Colon-
131. The colon is used to "mark a discontinuity of grammatical construction greater than that indicated by the semicolon and less than that indicated by the period. It is commonly used (I) to emphasize a close connection in thought between two clauses each of which forms a complete sentence, and which
might with grammatical propriety be separated by a period; (2) to separate a clause which is grammatically complete from a second which contains an illustration or amplification of its meaning; (3) to introduce formal statement, an extract, a speech in a dialogue, etc." (Century Dictionary) (unless this is preceded by a conjunction, like "that," immediately connecting it with what goes before). Before the quotation of a clause in the middle of a sentence use a comma:
(I) "This argument undeniably contains some force:.Thus it is well known that . . . ." "The secretion of the gland goes on uninterruptedly: this may account for the condition of the organ." "The fear of death is universal: even the lowest animals instinctively shrink from annihilation." (2) "Most countries have a national flower: France the lily, England the rose, etc." "Lambert pine: the gigantic sugar pine of California." (3) "The rule may be stated thus: . . . ." "We quote from the address: . . . ." "Charles: 'Where are you going?' George: 'To the mill-pond.'" But: "He stoutly maintained that 'the letter is a monstrous forgery'"; and: "Declaring, 'The letter is a monstrous forgery,' he tried to wash his hands of the whole affair."
132. The colon thus often takes the place of an implied "namely," "as follows," "for instance," or a similar phrase. Where such word or phrase is used, it should be followed by a colon if what follows consists of one or more grammatically complete clauses; otherwise, by a comma (see 145):
"This is true of only two nations-the wealthiest, though not the largest, in Europe: Great Britain and France"; but:
"This is true of only two nations-the wealthiest, though not the largest, in Europe-viz., Great Britain and France." "He made several absurd statements. For example: . . . ." but: "There are several states in the Union-for instance, Kansas and Wyoming-which . . . ."
133. Put a colon after the salutatory phrase at the beginning of a letter, and after the introductory remark of a speaker addressing the chairman or the, audience:
My dear Mr. Brown: **(See 50.)
Mr. Chairman, Ladies, and Gentlemen: (See 64.)
134. Put a centered colon between chapter and verse in Scripture passages, and between hours and minutes in time indications:
Matt. 2:5-13; 4:30 P.M.
135. Put a colon between the place of publication and the publisher's name in literary and bibliographical references:
Clement of Alexandria (London: Macmillan), II, 97.
136. The colon should be placed outside the quotation marks, unless a part of the quotation:
He writes under the head of "Notes and Comments": "Many a man can testify to the truth of the old adage:" etc.

## Semicolon-

137. A semicolon is used to mark the division of a sentence somewhat more independent than that marked by a comma:
"Are we giving our lives to perpetuate the things that the past has created for its needs, forgetting to ask whether these
things still serve today's needs; or are we thinking of living men ?" "This is as important for science as it is for practice; indeed, it may be said to be the only important consideration." "It is so in war; it is so in the economic life; it cannot be otherwise in religion." "In Russia the final decision rests with the Czar, advised by his ministers; in most constitutional countries, indirectly with the people as represented in parliament; in Switzerland alone, through the referendum, directly with the electorate at large." "This, let it be remembered, was the ground taken by Mill; for to him 'utilitarianism,' in spite of all his critics may say, did not mean the pursuit of bodily pleasure." ("For" in such cases should commonly be preceded by a semicolon.)
138. In enumerations use a semicolon between the different links, if these consist of more than a few words closely connected, and especially if individual clauses contain any punctuation mark of less value than a period, or an exclamation or interrogation point (unless inclosed in parentheses), yet are intimately joined one with the other, and all with the sentence or clause leading up to them, for instance through dependence upon a conjunction, like "that," preceding them (see 36):
"The membership of the international commission was made up as follows: France, 4; Germany, 5; Great Britain, 1 (owing to a misunderstanding, the announcement did not reach the English societies in time to secure a full quota from that country. Sir Henry Campbell, who had the matter in charge, being absent at the time, great difficulty was experienced in arousing sufficient interest to insure the sending of even a solitary delegate); Italy, 3; the United States, 7."
"The defendant, in justification of his act, pleaded that ( I ) he was despondent over the loss of his wife; (2) he was out of work; (3) he had had nothing to eat for two days; (4) he was under the influence of liquor." "Presidents Hadley, of Yale; Eliot, of Harvard; Butler, of Columbia; and Angell, of Michigan."
139. In Scripture references a semicolon is used to separate passages containing chapters:
Gen. 2:3-6, 9, 14; 3:17; chap. 5; 6:15.
140. The semicolon should be placed outside the quotation marks or parentheses, unless a part of the quotation or parenthetical matter.

## Сомma-

141. The comma is "used to indicate the smallest interruptions in continuity of thought or grammatical construction, the marking of which contributes to clearness" (Century Dictionary):
"Here, as in many other cases, what is sometimes popularly supposed to be orthodox is really a heresy, an exaggeration, a distortion, a caricature of the true doctrine of the church. The doctrine is, indeed, laid down by an authority here and there; but, speaking generally, it has no place in the standards, creeds, or confessions of the great communions; e.g., the Apostles' Creed, the Nicene Creed, the canons of the early ecumenical councils, the Westminster Confession, the Thirtynine Articles." "Shakspere and other, lesser, poets." "The books which I have read I herewith return" (i.e., I return those [only] which I have read); but: "The books, which I have read, I herewith return" (i.e., having read them [all], I now return them). "Gossiping, women are happy"; and:
"Gossiping women are happy." "Of these four, two Americans and one Englishman started"; and: "Of these, fourtwo Americans and two Englishmen-started." "The suffering, God will relieve." "Behind, her 'stage mother' stood fluttering with extra wraps." "Some boys and girls prematurely announce themselves, usually in uncomfortable, sometimes in bad, ways."
142. Use a comma to separate proper nouns belonging to different individuals or places:
"To John, Smith was always kind"; "To America, Europe awards the prize of mechanical skill."
143. Put a comma before "and," "or," and "nor" connecting the last two links in a sequence of three or more; or all the links in a series of greater length, or where each individual link consists of several words; always put a comma before "etc.":
Tom, Dick, and Harry; either copper, silver, or gold; "He was equally familiar with Homer, and Shakespere, and Molière, and Cervantes, and Goethe, and Ibsen"; 'Neither France for her art, nor Germany for her army, nor England for her democracy, etc."

But do not use a comma where "and," etc., serves to connect all of the links in a brief and close-knit phrase:
"a man good and noble and true"; "I do not remember who wrote the stanza-whether it was Shelley or Keats or Moore."
144. Ordinarily, put a comma before and after clauses introduced by such conjunctions as "and," "but,"
"if," "while," "as," "whereas," "since," "because," "when," "after," "although," etc., especially if a change of subject takes place:
"When he arrived at the railway station, the train had gone, and his friend, who had come to bid him goodbye, had departed, but left no word. As the next train was not due for two hours, he decided to take a ride about the town, although it offered little of interest to the sightseer. While he regretted his failure to meet his friend, he did not go to his house."
But do not use a comma before clauses introduced by such conjunctions if the preceding clause is not logically complete without them; nor before "if," "but," and "though" in brief and close-welded phrases:
"This is especially interesting because they represent the two extremes and because they present differences in their relations"; "This is good because true"; "I shall agree to this only if you accept my conditions"; "I would not if I could, and could not if I would"; "honest though poor"; "a cheap bat valuable book."
145. Such conjunctions, adverbs, connective particles, or phrases as "now," "then," "however," "indeed," "therefore," "moreover," "furthermore," "nevertheless," "though," "in fact," "in short," "for instance," "that is," "of course," "on the contrary," "on the other hand," "after all," "to be sure," "for example," etc., should be followed by a comma when standing at the beginning of a sentence or clause to introduce an inference or an explanation,
and should be placed between commas when wedged into the middle of a sentence or clause to mark off a distinct break in the continuity of thought or structure, indicating a summarizing of what precedes, the point of a new departure, or a modifying, restrictive, or antithetical addition, etc.:
"Indeed, this was exactly the point of the argument"; "Moreover, he did not think it feasible"; "Now, the question is this: . . . ." "Nevertheless, he consented to the scheme"; "In fact, rather the reverse is, true"; "This, then, is my position: . . . ."; "The statement, therefore, cannot be verified"; "He thought, however, that he would like to try"; "That, after all, seemed a trivial matter"; "The gentleman, of course, was wrong."
But do not use a comma with such words when the connection is logically close and structurally smooth enough nôt to call for any pause in reading; with "therefore," "nevertheless," etc., when directly following the verb; with "indeed" when directly preceding or following an adjective or another adverb which it qual fies; nor ordinarily with such terms as "perhaps," also," "likewise," etc.: "Therefore I say unto you . . . ."; "He was therefore unable to be present"; [It is nevertheless true"; "He is recovering very slowly in eed"; "He was perhaps thinking of the future"; "He was a scholar and a sportsman too."
146. A comma is preferably omitted before "rather" in such an expression as-
"The time-value is to be measured in this way rather than by the time-equivalent of the strata."
147. If among several adjectives preceding a noun the last bears a more direct relation to the noun than the others, it should not be preceded by a comma:
"the admirable political institutions of the country"; "a handsome, wealthy young man."
148. Participial clauses, especially such as contain an explanation of the main clause, should usually be set off by a comma:
"Being asleep, he did not hear him"; "Exhausted by a hard day's work, he slept like a stone."
149. Put a comma before "not" introducing an antithetical clause:
"Men addict themselves to inferior pleasures, not because they deliberately prefer them, but because they are the only ones to which they have access."
150. For parenthetical, adverbial, or appositional clauses or phrases use commas to indicate structurally disconnected, but logically integral, interpolations; dashes to indicate both structurally and logically disconnected insertions; never use the two together (see 175):
"Since, from the naturalistic point of view, mental states are the concomitants of physiological processes . . . ."; "The French, generally speaking, are a nation of artists"; "The English, highly democratic as they are, nevertheless deem the nobility fundamental to their political and social systems." "There was a time-I forget the exact date-when these conditions were changed.
151. Use a comma to separate two identical or closely similar words, even if the sense or grammatical construction does not require such separation (see 142): "Whatever is, is good"; "What he was, is not known"; "The chief aim of academic striving ought not to be, to be most in evidence"; "This is unique only in this, that . . . ."
152. In adjectival phrases, a complementary, qualifying, delimiting, or antithetical adjective added to the main epithet preceding a noun should be preceded and followed by a comma:
"This harsh, though perfectly logical, conclusion"; "The deceased was a stern and unapproachable, yet withal sympathetic and kind-hearted, gentleman"; "Here comes in the most responsible, because it is the final, office of the teacher"; "The most sensitive, if not the most elusive, part of the training of children."
153. Two or more co-ordinate clauses ending in a word governing or modifying another word in a following clause should be separated by commas:
". . . . a shallow body of water connected with, but well protected from, the open sea"; "He was as tall as, though much younger than, his brother"; "The cultivation in ourselves of a sensitive feeling on the subject of veracity is one of the most useful, and the enfeeblement of that feeling one of the most hurtful, things"; "This road leads away from, rather than toward, your destination."
154. Similarly, use a comma to separate two numbers:
"In 1905, 347 teachers attended the convention"; November 1, 1905. (See 160.)
155. A comma is employed to indicate the omission, for brevity or convenience, of a word or words the repetition of which is not essential to the meaning: "In Illinois there are seventeen such institutions; in Ohio, twenty-two; in Indiana, thirteen"; "In Lincoln's first cabinet Seward was secretary of state; Chase, of the treasury; Cameron, of war; and Bates, attorney-general."
Often, however, such constructions are smooth enough not to call for commas (and consequent semicolons):
"One puppy may resemble the father, another the mother, and a third some distant ancestor."
156. A direct quotation, maxim, or similar expression, when brief, should be separated from the preceding part of the sentence by a comma (see 13I):
"God said, Let there be light."
157. Use a comma before "of" in connection with residence or position:
Mr. and Mrs. McIntyre, of Detroit, Mich.; President Hadley, of Yale University.
Exceptions are those cases, historical and political, in which the place-name practically has become a part of the person's name, or is so closely connected with this as to render the separation artificial or illogical: Clement of Alexandria, Philip of Anjou, King Edward of England.
158. Do not use a comma between consecutive pages in literary references, but use the en dash (see 173);
an exception may, however, be made in the case of scriptural references:
pp. 4, 7-8, ro; Ezra 5:7-8 (or Ezra 5:7, 8).
159. Put a comma after digits indicating thousands, except when used as a date or in a page reference: 1,276, 10,419; January, 1909; p. 2461.

Note.-Astrophysical Journal and Botanical Gazette do not use a comma with four figures.
160. Separate month and year, and similar time divisions by a comma:
November, 1905; New Year's Day, 1906.
Note.-Astrophysical Journal and Botanical Gazette do not use a comma between month and year.
16I. Omit the comma, in signatures and at the beginning of articles, after author's name followed by address, title, or position in a separate line, or after address followed by a date line, etc.:

James P. Robinson
Superintendent of Schools, Bird Center, Ill.
James P. Robinson
Superintendent of Schools
Bird Center, Ill.
July I , 19 II
162. The comma is always placed inside the quotation marks, but following the parentheses, if the context requires it at all.

## Apostrophe-

163. An apostrophe is used to mark the omission of a letter or letters in the contraction of a word, or of figures in a number:
ne'er, don't, 'twas, "takin' me 'at"; m'f'g; the class of '96. (See 123.)
164. The possessive case of nouns, common and proper, is formed by the addition of an apostrophe, or apostrophe and $s$ (see II3):
a man's word, horses' tails; Scott's Ivanhoe, Jones's farms, Themistocles' era; for appearance' sake.
165. The plural of numerals, and of rare or artificial nouncoinages, is formed by the aid of an apostrophe and $s$; of proper nouns of more than one syllable ending in a sibilant, by adding an apostrophe alone (monosyllabic proper names ending in a sibilant add es; others, $s$ ):
in the 1900's; in two's and three's, the three R's, the Y.M.C.A.'s; "these I-just-do-as-I-please's"; "all the Tommy Atkins' of England" (but: the Rosses and the Macdougals); the Pericles' and Socrates' of literature.
Quotation Marks. (See section on "Quotations," 74-9I.)

## Dashes-

166. A dash is used to denote "a sudden break, stop, or transition in a sentence, or an abrupt change in its construction, a long or significant pause, or an unexpected or epigrammatic turn of sentiment" (John Wilson) :
"Do we-can we-send out educated boys and girls from the high school at eighteen?" "The Platonic world of the static, and the Hegelian world of process-how great the contrast!" "'Process'-that is the magic word of the modern period";

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"To be or not to be-that is the question"; "Christianity found in the Roman Empire a civic life which was implicated by a thousand roots with pagan faith and cultus-a state which offered little."
167. Use dashes (rarely parentheses-see 177) for parenthetical clauses which are both logically and structurally independent interpolations (see 150):
"This may be said to be-but, never mind, we will pass over that"; "There came a time-let us say, for convenience, with Herodotus and Thucydides-when this attention to actions was conscious and deliberate"; "If it be asked-and in saying this I but epitomize my whole contention-why the Mohammedan religion
168. A clause added to lend emphasis to, or to explain or expand, a word or phrase occurring in the main clause, which word or phrase is then repeated, should be introduced by a dash:
"To him they are more important as the sources for historythe history of events and ideas"; "Here we are face to face with a new and difficult problem-new and difficult, that is, in the sense that . . . ."
169. Wherever a "namely" is implied before a parenthetical or complementary clause, a dash should preferably be used (see 132):
"These discoveries-gunpowder, printing-press, compass, and telescope-were the weapons before which the old science trembled"; "But here we are trenching upon another division of our field-the interpretation of New Testament books."
170. In sentences broken up into clauses, the final-summarizing-clause should be preceded by a dash:
"Amos, with the idea that Jehovah is an upright judge . . . . ; Hosea, whose Master hated injustice and falsehood
. . . . ; Isaiah, whose Lord would have mercy only on those who relieved the widow and the fatherless-these were the spokesmen . . . ."
171. A word or phrase set in a separate line and succeeded by paragraphs, at the beginning of each of which it is implied, should be followed by a dash:
"I recommend-
"I. That we kill him.
" 2 . That we flay him."
172. A dash should be used in connection with side-heads, whether "run in" or paragraphed:
2. The language of the New Testament.-The lexicons of Grimm-Thayer, Cremer, and others . . . .

Note.-The above has been taken from

## Biblical Criticism in Other Denominations-

A most interesting article appeared in the Expository Times....
173. Use a dash in place of the word "to" connecting two words or numbers:
May-July, 1906 (en dash); May 1, 1905-November 1, 1906 (em dash); pp. 3-7 (en dash); Luke 3:6-5:2 (em dash).
In connecting consecutive numbers, omit hundreds from the second number-i.e., use only two figures -unless the first number ends in two ciphers, in which case repeat; if the next to the last figure in the first number is a cipher, do not repeat this in the second number; but in citing dates b.c., always

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repeat the hundreds (because representing a diminution, not an increase) (see 158):
1880-95, pp. 113-16; 1900-1906, pp. 102-7; 387-324 в.C.
Note.-The Astrophysical Journal and Botanical Gazette repeat the hundreds: $1880-1895, \mathrm{pp} .113-116$.
174. Let a dash precede the reference (author, title of work, or both) following a direct quotation, consisting of at least one complete sentence, in footnotes or cited independently in the text (see 85):
: "I felt an emotion of the moral sublime at beholding such an instance of civic heroism."-Thirty Years, I, 379.

> The green grass is growing The morning wind is in it, 'Tis a tune worth the knowing Though it change every minute. -Emerson, "To Ellen, at the South."
175. A dash should not ordinarily be used in connection with any other point, except a period:
"Dear Sir: I have the honor . . . ."; not: "Dear Sir:I have . . . ."; "This-I say it with regret-was not done"; not: "This,-I say it with regret,-was . . . ."

## Parentheses-

176. Place between parentheses figures or letters used to mark divisions in enumerations run into the text: "The reasons for his resignation were three: ( I ) advanced age, (2) failing health, (3) a desire to travel."

If such divisions are paragraphed, a single parenthesis is ordinarily used in connection with a lower-
case (italic) letter; a period, with figures and capital (roman) letters. In syllabi, and matter of a similar character, the following scheme of notation and indention should ordinarily be adhered to:
A. Under the head of . . . .
I. Under

1. Under
a) Under
(1) Under
(a) Under
a) Under
$\beta$ ) Under
(b) Under
(2) Under
b) Under
2. Under
II. Under
B. Under the head of
3. Parentheses should not ordinarily be used for parenthetical clauses (see 150 and 167) unless confusion might arise from the use of less distinctive marks, or unless the content of the clause is wholly irrelevan to the main argument:
"He meant-I take this to be the (somewhat obscure) sense of his speech-that . . . ."; ."The period thus inaugurated (of which I shall speak at greater length in the next chapter) was characterized by . . . ."; "The contention has been made (op. cit.) that . . . ."

## Brackets-

178. Brackets are used (1) to inclose an explanation or note, (2) to indicate an interpolation in a quotation,
(3) to rectify a mistake, (4) to supply an omission, and (5) for parentheses within parentheses:
(I) ${ }^{1}$ [This was written before the publication of Spencer's book.-Editor.]
(2) "These [the free-silver Democrats] asserted that the present artificial ratio can be maintained indefinitely."
(3) "As the Italian [Englishman] Dante Gabriel Ros[s]etti has said,
(4) John Ruskin. By Henry Carpenter. ["English Men of Letters," III.] London: Black, 1900.
(5) Grote, the great historian of Greece (see his History, I, 204 [second edition]), . . . .
179. Such phrases as "To be continued," at the end, and "Continued from . . .." at the beginning, of articles, chapters, etc., should be placed between brackets, centered, and set in italics (see 73) and in type reduced in size in accordance with the rule governing reductions (see 86):
[Continued from p. 320]
[To be concluded]

## Ellipses-

180. Ellipses are used to indicate the omission, from a quotation, of one or more words not essential to the idea which it is desired to convey, and also to indicate illegible words, mutilations, and other lacunae in a document, MS, or other material which is quoted. For an ellipsis at the beginning, in the middle, or at the end of a sentence four periods, separated by a space (en quad), should ordinarily be used, except in very narrow measures (in

French three only). If the preceding line ends in a point, this should not be included in the four. Where a whole paragraph, or paragraphs, or, in poetry, a complete line, or lines, are omitted, insert a full line of periods, separated by em- or 2-em quads, according to the length of the line. But the periods should not extend beyond the length of the longest type-line:

The point . . . . is that the same forces . . . . are still the undercurrents of every human life. . . . . We may never unravel the methods of the physical forces; . . . . but . . . .

I think it worth giving you these details, because it is a vague thing, though a perfectly true thing, to say that it was by his genius that Alexander conquered the eastern world.

His army, you know, was a small one. To carry a vast number of men
. . . . he sought the lumberer's gang,
Where from a hundred lakes young rivers sprang;
Through these green tents, by eldest nature drest, He roamed, content alike with man and beast.
181. An ellipsis should be treated as a part of the citation; consequently should be inclosed in the quotation marks (see 178 [3]).

## Hyphens-

182. A hyphen is placed at the end of a line terminating with a syllable of a word, the remainder of which is carried to the next line (see section on "Divisions") and between many compound words.
183. Hyphenate two or more words (except proper names forming a unity in themselves) combined into one adjective preceding a noun, or when the noun is understood:
so-called Croesus, well-known author, first-class investment, better-trained teachers, high-school course, half-dead horse, never-ceasing strife, much-mooted question, joint-stock company, English-speaking peoples, nineteenth-century progress, white-rat serum, up-to-date machinery, four-year-old boy, house-to-house canvass, go-as-you-please fashion, deceased-wife's-sister bill; the feeble-minded (person); but: New Testament times, Old English spelling, an a priori argument.

Where one of the components contains more than one word, an en dash should be used in place of a hyphen:

New York-Chicago freight traffic, Norwegian-GermanJewish immigrant.

But do not connect by a hyphen adjectives or participles with adverbs ending in "-ly"; nor such combinations as the above when following the noun, or qualifying a predicate:
highly developed species; a man well known in the neighborhood; the fly-leaf, so called; "Her gown and carriage were strictly up to date."
184. Hyphenate, as a rule, nouns formed by the combination of two nouns standing in objective relation to each other-that is, one of whose components is derived from a transitive verb:
mind-reader, story-teller, fool-killer, office-holder, well-wisher property-owner; hero-worship, child-study; wood-turning, clay-modeling.

Exceptions are such common and brief compounds as-
lawgiver, taxpayer, proofreader, bookkeeper, stockholder.
185. A present participle united ( I ) with a noun to form a new noun with a meaning different from that which would be conveyed by the two words taken separately, (2) with a preposition used absolutely (i.e., not governing a following noun), to form a noun, should have a hyphen:
boarding-house, dining-hall, sleeping-room, dwelling-place, printing-office, walking-stick, starting-point, stepping-stone, stumbling-block, working-man; the putting-in or taking-out of a hyphen.
186. As a general rule, compounds of "book," "house," "mill," "room," "shop," and "work" should be printed as one compact word, without a hyphen, when the prefixed noun contains only one syllable, should be hyphenated when it contains two, and should be printed as two separate words when it contains three or more:
handbook, schoolbook, notebook, textbook; pocket-book, story-book; reference book.
boathouse, clubhouse, schoolhouse, storehouse; engine-house, power-house; business house.
cornmill, handmill, sawmill, windmill; water-mill, paper-mill; chocolate mill.
bedroom, classroom, schoolroom, storeroom; lecture-room; recitation room.
tinshop, workshop; bucket-shop, tailor-shop; policy shop. handwork, woodwork; metal-work; filigree work.
Exceptions are rare combinations, and such as for appearance' sake would better be separated: source-book, wheat-mill, school work.
187. Compounds of "maker," "dealer," and other words denoting occupation should ordinarily be hyphenated; likewise nouns denoting different occupations of the same individual:
harness-maker, book-dealer, job-printer (see 184); a soldierstatesman, the poet-artist Rosseti.
Exceptions are a few short words of everyday occurrence:
bookmaker, dressmaker.
188. Compounds of "store" should be hyphenated when the prefix contains only one syllable; otherwise not: drug-store, feed-store (but: bookstore); grocery store, drygoods store.
189. Compounds of "fellow" are always hyphenated: fellow-man, fellow-beings, play-fellow.
190. Compounds of "father," "mother." "brother," "sister," "daughter," " parent," and " foster" should be hyphenated when forming the first element of the compound:
father-love (but: fatherland), mother-tongue, brother-officer, sister-nation, foster-son, daughter-cells, parent-word.
r91. Compounds of "great," indicating the fourth degree in a direct line of descent, call for a hyphen: great-grandfather, great-grandson.
192. Compounds of "life" and "world" require a hyphen: life-history, life-principle (but: lifetime), world-power, worldproblem.
193. Compounds of "skin" with words of one syllable are to be printed as one word; with words of more than one, as two separate words: calfskin, sheepskin; alligator skin.
194. Compounds of "master" should be hyphenated: master-builder, master-stroke (exception: masterpiece).
195. Compounds of "god," when this word forms the second element of the compound, should be hyphenated:
sun-god, rain-god (but: godsend, godson).
196. "Half," "quarter," etc., combined with a noun should be followed by a hyphen:
half-truth, half-tone, half-year, half-title, quarter-mile.
197. "Semi-," "demi-," "bi-," "tri-," etc., do not ordinarily demand a hyphen:
semiannual, demigod, demiurge, biweekly, bipartisan, bichromate, bimetallist, trimonthly, tricolor, trifoliate.

Exceptions are long or unusual formations: semi-centennial, demi-relievo.
198. Compounds of "self," when this word forms the first element of the compound, are hyphenated: self-evident, self-respect (see II9, note).
199. Combinations with "fold" are to be printed as one word if the number contains only one syllable; if it contains more, as two:
twofold, tenfold; fifteen fold, a hundred fold.
200. Adjectives formed by the suffixation of "like" to a noun are usually printed as one word if the noun contains only one syllable (except when ending in $l$ ); if it contains more (or is a proper noun), they should be hyphenated:
childlike, homelike, warlike, godlike; eel-like, bell-like; woman-like, business-like; American-like (but: Christlike).
201. "Vice," "ex-," "elect," "general," and "lieutenant," constituting parts of titles, should be connected with the chief noun by a hyphen:
Vice-Consul Taylor, ex-President Cleveland, the governorelect, the postmaster-general, a lieutenant-colonel.
202. Compounds of "by-," when this word forms the first element of the compound, should be hyphenated: by-product, by-laws.
203. The prefixes "co-," "pre-," and "re-," when followed by the same vowel as that in which they terminate, or by $w$ or $y$, take a hyphen; but, as a rule, they do not when followed by a different vowel or by a consonant:
co-operation, pre-empted, re-enter, co-worker, re-yield; but: coequal, coeducation, prearranged, reinstal; cohabitation, prehistoric, recast (re-read).

Note.-The Botanical Gazette prints: cooperate, reenter, etc.
Exceptions are combinations with proper names, long or unusual formations, and words in which the omission of the hyphen would convey a meaning different from that intended (cf. 9, 19, 208):
pre-Raphaelite, re-tammanize; re-postpone, re-pulverization; re-formation (as distinguished from reformation), re-cover (=cover again), re-creation.
204. Omit the hyphen from "today," "tomorrow," "tonight," "viewpoint," "standpoint." (See II9.)
205. The negative particles "un-," "in-," and "a-" do not usually require a hyphen: unmanly, undemocratic, inanimate, indeterminate, illimitable impersonal, asymmetrical.

Exceptions would be rare and artificial combinations. The particle "non-," on the contrary, ordinarily calls for a hyphen, except in the commonest words: non-aesthetic, non-subservient, non-contagious, non-ability, non-interference, non-unionist, non-membership; but: nonage, nondescript, nonessential, nonplus, nonsense, noncombatant.
206. "Quasi-" prefixed to a noun or an adjective requires a hyphen:
quasi-corporation, quasi-historical.
207. "Over" and " under" prefixed to a word should not be followed by a hyphen, except in unusual cases:

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 THE UNIVERSITY OF CHICAGO PRESSoverbold, overemphasize, overweight, underfed, underestimate, undersecretary; but: over-soul, under-man, over-spiritualistic.
208. The Latin prepositions "ante," "anti," "inter," "intra," "post," "sub," and "super" prefixed to a word do not ordinarily require a hyphen:
antedate, antechamber, antediluvian, antidote, antiseptic (but: anti-imperialistic-cf. 203), international, interstate, intercity, intramural (but: intra-atomic), postscript, postgraduate, postprandial, subconscious, submarine, subtitle, subway, superfine.
Exceptions are such formations as-
ante-bellum, ante-Nicene, anti-Semitic, inter-university, postrevolutionary.
209. "Extra," "infra," "pan," "supra," and "ultra" as a rule call for a hyphen:
extra-hazardous, infra-mundane, pan-Hellenic, supratemporal, ultra-conservative (but: Ultramontane).
210. In fractional numbers, spelled out, connect by a hyphen the numerator and the denominator, unless either already contains a hyphen:
"The year is two-thirds gone"; four and five-sevenths; thirty-hundredths; but: thirty-one hundredths.

But do not hyphenate in such cases as-
"One half of his fortune he bequeathed to his widow; the other, to charitable institutions."
211. In the case of two or more compound words occurring together, which have one of their component elements
in common, this element is frequently omitted from all but the last word, and its implication should be indicated by a hyphen:
in English- and German-speaking countries; one-, five-, and ten-cent pieces; "If the student thinks to find this character where many a literary critic is searching-in fifth- and tenthcentury Europe-he must not look outside of manuscript tradition."

Note.-Some writers regard this hyphen as an objectionable Teutonism.
212. A hyphen is used to indicate a prefix or a suffix, as a particle or syllable, not complete in itself:
"The prefix $a$-"; "The German diminutive suffixes -chen and -lein."
213. A hyphen is employed to indicate the syllables of a word:
di-a-gram, pho-tog-ra-phy.
214. Following is a list of words of everyday occurrence which should be hyphenated, and which do not fall under any of the above classifications:

| after-years | cross-section <br> death-rate | man-of-war <br> object-lesson | son-in-law <br> subject-matter |
| :--- | :--- | :--- | :--- |
| bas-relief | dolk-song page-proof | thought-process |  |

## DIVISIONS

215. Avoid all unnecessary divisions of words. Wherever consistent with good spacing, carry the whole word over into the next line.
216. Do not, in wide measures ( 20 ems or more), divide on a syllable of two letters, if possible to avoid it. Never carry over a syllable of two letters. Good spacing, however, is paramount. Words of four letters-like on-ly-should never be divided; words of five or six-like oc-cur, of-fice, let-ter-rarely.
217. Never let more than two consecutive lines terminate in a hyphen, if at all avoidable. The next to the last line in a paragraph ought not to end in a divided word; and the last line (the "breakline") should, in measures of 15 ems and up, contain at least four letters. Similarly, try to avoid a divided word at the bottom of a right-hand (recto) page.
218. Do not divide proper nouns, especially names of persons, unless absolutely necessary.
219. Do not separate (i.e., put in different lines) the initials of a name, or such combinations as A.D., P.M., etc.
220. Avoid the separation of a divisional mark, e.g., (a) or ( I , in the middle of a sentence, from the section
which it precedes; i.e., do not allow such mark to fall at the end of a line, but carry it over with the matter to which it pertains.
221. Divide according to pronunciation (the American system), not according to derivation (the English system):
democ-racy, not: demo-cracy; knowl-edge, not: know-ledge; aurif-erous, not: auri-ferous; antip-odes (still better: antipo-des-see 224), not: anti-podes.
As far as is compatible with pronunciation and good spacing, however, divide compounds on etymological lines, or according to derivation and meaning: dis-pleasure is better than displeas-ure; school-master, than schoolmas-ter.

Shun such monstrosities as-
Passo-ver, diso-bedience, une-ven, disa-bled.
222. When two consonants meet between vowels, and the syllable ends on one consonant, the division may properly be made between the consonants, the pronunciation determining the place of division: advan-tage, exces-sive, finan-cier, foun-da-tion, impor-tant, In-dian, moun-tain, profes-sor, struc-ture.
223. Do not terminate a line in a soft $c$ or $g$, or in a $j$. Escape the division entirely, if possible; if not possible, divide:
pro-cess, not: proc-ess; ne-cessary, not: nec-essary; spacing, not: spac-ing (the rule being that in present parti-
ciples the -ing should be carried over); pro-geny, not: prog-eny; pre-judice, not: prej-udice.

Note.-This rule differs from that followed by Webster and other dictionaries.
224. Divide on a vowel wherever practicable. In case a vowel alone forms a syllable in the middle of a word, run it into the first line:
sepa-rate, not: sep-arate; particu-lar, not: partic-ular; criti-cism, not: crit-icism.
Exceptions are words in -able and -ible, which should carry the vowel over into the next line:
read-able, not: reada-ble; convert-ible, not: converti-ble.
225. In hyphenated nouns and adjectives avoid additional hyphens:
object-lesson, not: object-les-son; fellow-being, not: fel-low-being; poverty-stricken, not: pov-erty-stricken, much less: pover-ty-stricken.
226. A coalition of two vowel-sounds into one (i.e., a diphthong) should be treated as one letter. Therefore do not divide:
peo-ple (either syllable makes a bad division), Cae-sar (cf. 218), bu-ilding.
227. In derivatives from words ending in $t$, the $t$, in divisions, should be carried into the next line with the suffix if the accent has been shifted; if the derivative has retained the accent of the parent-word, the $t$ should be left in the first line:
objec-tive (from ob'ject); defect-ive (from defect'); but: respec-tively, distinc-tive.
228. The addition of a plural $s$, adding a new syllable to words ending in an $s$-sound, does not create a new excuse for dividing such words: hor-ses and circumstan-ces are impossible divisions.
229. Adjectives in -ical should be divided on the $i$ : physi-cal, not phys-ical nor physic-al.
230. Do not divide nothing.
231. The following are condensed rules for dividing words in the foreign languages most frequently met with in proofreading. While, perhaps, not entirely comprehensive, they will be found to cover every ordinary contingency.

## FRENCH

a) The fundamental principle is to divide on a vowel as far as possible, avoiding consonantal ending of syllables:
in-di-vi-si-bi-li-té, a-che-ter; ta-bleau (not: tab-leau); ba-lancer (not: bal-ancer).
b) Two consonants of which the second is $l$ or $r$ (but not the combinations $r l$, $l r$ ), are both carried over to the following syllable:
ta-bleau, é-cri-vain, per-dre, qua-tre; par-ler, hur-ler.
c) There are as many syllables as there are vowels, even if soundless:
par-lent, vic-toi-re, pro-pri-e-tai-re, guer-re, fil-les;
but a mute $e$ following a vowel does not form a syllable:
$\epsilon$-taient, joue-ra;
and $i, y, o, o u, u$, when preceding other vowels, are often sounded as consonants, and then do not form a syllable:
bien, $\boldsymbol{e}$-tions, yeur, loin, fouet-ter, é-cuel-le.
german
a) The fundamental principle is to divide on a vowel as far as possible:
hü-ten, le-ben, Fa-brik.
b) If several consonants stand between vowels, usually only the last is carried over:
Rit-ter, klir-ren, Klemp-ner, Ver-wand-te, Karp-fen.
c) $s z$, ch, sch, ph, st, th are never separated (but see f) below):

Bu-sze, Be-cher, Hä-scher (but: Häus-chen), Geo-gra-phie, La-sten, Ma-thilde.
d) If $c k$ must be divided, it is separated into $k-k$ : Deckel-Dek-kel.
e) In foreign words (Fremdwörter), combinations of $b, d, g, k, p, t$, with $l$ or $r$ are carried over:
Pu-bli-kum, Me-trum, Hy-drant.
f) Compound words are separated first into their component elements, and within each element the foregoing rules apply:
Fürsten-schlosz, Tür-an-gel, Inter-esse.

## ITALIAN

a) The fundamental principle is to divide on a vowel as far as possible:
ta-vo-li-no, nar-ra-re.
b) $s$ before a consonant, $r$ following a consonant, ch, gh, gli (gl), gn, qu, sc, cl, fl, gl, pl are never separated:
ca-sti-ghi, a-vro, mi-gli6-re, bi-s 6 -gno, in-chio-stro, u-scire.
c) $i=y$ and $u=w$ go with the following vowel; $a c, a u$, ei, eu, oi are not separated:
miêi, tuôi.

## SPANISH

a) The fundamental principle is to divide on a vowel as far as possible:
ca-ra-co-les, re-ba-ño, fle-xi-bi-li-dad.
$b) c h, l l, r r$, and $\tilde{n}$, being regarded as simple consonants, follow the foregoing rule; cc and $n \boldsymbol{n}$ are divided, as in English:
mu-cha-cho, ba-ta-lla, bu-ll6, ba-rre-ño, ci-ga-rro; ac-ce-so, en-no-ble-cer, in-ne-ga-ble.
c) The liquid consonants $l$ and $r$, when preceded by any consonant other than $s$, must not be separated from that consonant, except in uniting parts of compound words:
ha-blar, po-dria, ce-le-bra-ci-on, si-glo; but sub-lu-nar, sub-ra-yar, es-la-bon.
d) Two separable consonants should be divided; $s$ is always disjoined from a following consonant: cuer-da, chas-co, pron-to; has-ta, as-pi-rar, cons-pi-rar.

## GREEK

a) Single consonants, combinations of consonants which can begin a word, and mutes followed by $\mu$ or $\nu$ are placed at the beginning of a syllable:
 $\gamma \mu a-\tau o s, \gamma 1-\gamma \nu \omega$-бк $\omega$.
Other combinations of consonants are divided:

b) Compound words are divided into their original parts; subject to that the foregoing rule applies: $\pi \rho \rho \sigma-\alpha^{\prime}-\gamma \omega ; \pi \pi \rho-\alpha^{\prime}-\gamma \omega$.

## LATIN

a) A Latin word has as many syllables as it has vowels or diphthongs (ae, au, oe, ei, eu, ui).
b) When a single consonant occurs between two vowels, divide before the consonant:
Cae-sar, me-ri-di-es.
c) In the case of two or more consonants divide before the last consonant, except in the combinations: mute ( $p, p h, b, t, t h, d, c, c h, g$ ) + liquid ( $(l, r)$, and $q u$ or $g u$ :
om-nis, scrip-tus, cunc-tus (but: pa-tris, e-quus, lin-gua).
d) Compound words are separated first into their component elements, and within each element the foregoing rules apply:
ad-est, ab-rum-po, red-e-o, trans-i-go.

## FOOTNOTES

232. For reference indices, as a rule, use superior figures. Only in special cases should asterisks, daggers, etc., be employed (see 234); for instance, in tabular or algebraic matter, where figures would be likely to cause confusion. Index figures in the text should be placed after the punctuation marks, without space, except in German, where they are placed inside:
. . . . the niceties of style which were then invading Attic prose, ${ }^{1}$ and which made . . . .
${ }^{1}$ In particular the avoidance of hiatus.
$F=y^{2}+y^{3} ; *$

* Schenk's equation.

When figures are not used, the sequence of indices should be:

* ("asterisk" or "star"), $\dagger$ ("dagger"), $\ddagger$ ("double dagger"), \& ("section mark"), || ("parallels"), ๆ ("paragraph mark").

233. Where references to the same work follow each other closely and uninterruptedly, use ibid. instead of repeating the title. This ibid. takes the place of as much of the previous reference as is repeated. Ibid. should, however, not ordinarily be used for the first footnote on a verso (left-hand) page; it is better usage either to repeat the title, if short, or to use loc. cit. (when reference is to entire citation) or op. cit. (when work only is cited).

[^0]234. Footnotes to tables, whether the tables are ruled or open, should be in 6-pt., and should invariably be placed at the foot of the table and not at the foot of the page. For reference indices in such cases use asterisks, etc., and not superior figures (see 232).
235. If the author's name is given in the text in-connection with a reference to, or a quotation from, his work, it should not be repeated in the footnote: . . . . This theory is questioned by Herbert, as follows: "I cannot admit . . . ."
:Laws of the Ancients, I, 153.
236. It is better to place the index figure in the text at the end of the quotation (see illustration above).
237. Ordinarily, omit "Vol.," "chap.," and "p." in references to particular passages. Use Roman numerals (capitals) for Volume, Book, Part, and Division, except in reference to ancient, classical authors or works, when lower-case roman numerals should be used; Roman numerals (lower-case) for chapter and pages of introductory matter (Preface, etc.); and Arabic numerals for number (Heft) and text pages. Only when confusion would be liable to arise, or in exceptional cases, use "Vol.," "p.," etc., in connection with the numerals; but where the reference is to a page, unaccompanied by further details, the abbreviation "p." or "pp." must of course be used. In
classical references use no comma between author's name and the title of his work; and no comma following the title, unless "Vol.," "p.," or some kindred symbol is used. In all references to divisions of classical or ancient works, use periods in place of commas, reserving the comma to indicate a succession (of pages, etc.):
${ }^{1}$ Miller, French Rev. (2d ed.; London: Abrahams, 1888), II, Part IV, iii.
${ }^{2}$ S. I. Curtiss, "The Place of Sacrifice among Primitive Semites," Biblical World, XXI (1903), 248 ff.
${ }^{3}$ P. 63; pp. 27-36.
${ }^{4}$ Cicero De officiis i. 133, 140.
${ }^{5}$ De div. per somn. 1, p. 463a.
The same practice prescribed for classical references is frequently desired by authors with respect to English references, and may with equal propriety be followed:

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IW. W. Greg Pastoral Poetry and Pastoral Drama (London 1906) 114.
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238. The date of publication in a reference to a periodical should immediately follow the volume number, and should be put in parentheses (see above illustration).
239. In work set on the linotype machine footnotes should be numbered consecutively through an article, in a journal, or through a chapter, in a book, to save
resetting in case of change (see "Hints to Authors and Editors," note under "Footnotes," p. 114).

Note.-Exceptions to these rules are footnotes in the Botanical Gazette and the Astrophysical Journal, which have adopted the following styles:

## Botanical Gazette-

${ }^{1}$ Livingston, B. E., (x) On the nature of the stimulus which causes the change in form of polymorphic green algae. Вот. GAz. 30: 289-317. 1900.
${ }^{2}$ ——, (2) The heredity of sex. Bull. Mus. Comp. Zool. 40:187-218. 1903.

Astrophysical Journal-
I "Revision of Wolf's Sun-Spot Relative Numbers," Monthly Weather Review, 30, 171 I, 1902.

- Astrophysical Journal, 10, 333, 1899.

3 Wolf, Astronomische Nachrichten, 189, 261, 1911.
Botanical Gasette numbers its footnotes consecutively throughout an article; all the other journals of the University of Chicago Press number their footnotes from 1 up on each page, except that the Journal of Semitic Languages and Literatures numbers them consecutively in special cases.

## INDEXING

240. In indexes of proper names and other similar alphabetical lists the following rules should be observed:
a) Names beginning with Mac, Mc, or M', St., Ste., whether the following letter is capitalized or not, should be listed as if the prefix were spelled Mac, Saint, Sainte, thus making it unnecessary for one who consults the index to look in several places to make sure of finding the name sought:
Machiavelli
MacIntyre, Henry
McIntyre, James M'Intyre, Thomas
Mack, Joseph
b) Compound names should be listed under the first part of the name. List the other parts of the names in their respective alphabetical positions and give a cross-reference to the first:
Campbell-Bannerman, Sir Henry
Lloyd-George, David
Watts-Dunton, Theodore
George, Lloyd-, David. See Lloyd-George.
On the other hand, in the case of hyphenated names gratuitously adopted, as in the case of married women adding the maiden name to the married name, the name preceding the hyphen may be disregarded, and listing should be under
the letter of the true name, with a cross-reference under the name preceding the hyphen.
c) Names with prefixes should be listed under the part following the prefix, except (i) in English (see $b$ above); (ii) in French when the prefix consists of or contains the article; (iii) in Italian and Spanish when the prefix consists simply of the article; (iv) in Dutch, the "Van," "Ten," etc., being always capitalized (see 3, note); (v) when the prefix and the name are written as one word. Naturalized names with prefixes should be treated according to the rules for the language adopted.

Hoffman, von; Lima, de; Ponte e Horto, da; Santos Pereira Jardin, dos.
English: À Becket; De Quincey; De Morgan; D'Israeli; MacDonald; Van Buren.
French: Du Moncel; La Rochefoucauld; Le Sage; Du Pin; Du Bocage; but: Rosny, de; Bouille, de; Allard, de.
Italian and Spanish: La Lumia; La Farina; Lo Gatto; but: Farina, da; Rio, del; Torre, della.
Prefix compounded with the name: Vanderkinde, Zurlauben, Dechambre, Vanderhoeck, Delacroix.

In the case of the exceptions above noted, the first letter of the prefix governs the alphabetical position of the name.
d) Names spelled with the umlaut $\ddot{a}, \ddot{\boldsymbol{o}}, \ddot{u}$ should be listed as if the umlaut were spelled out $a e, o e, u e$ :

Müller, A.
Mufola, C.
Muller, B.
e) Names having two parts, or names of firms, connected by "and," " $\&$," " y " (Spanish), or "et" (French), "und" (German), "e" (Italian), should be listed according to the first letter of the name preceding the connective: Smith \& Evans (under "S"); Gomez y Pineda (under "G"); Loubet et Meunier (under "L"); Duncker und Humblot (under "D"); Sandrone e Vallardi (under "S").
f) On the subject of cross-references see $\mathbf{6 2}$.

## TABULAR WORK

241. In ir-pt. and ro-pt. matter open (unruled) tables should ordinarily be set in 9 -pt. leaded; ruled, in 8 -pt. solid. In 9 -pt. matter both open and ruled tables should be set in 8 -pt. solid. In 8 -pt. matter open tables should be set in 6-pt. leaded; ruled, in 6 -pt. solid. In 6 -pt. matter both open and ruled tables should be set in 6-pt. solid. There is a growing practice of using different type in tables for columns representing totals, averages, percentages, and generalizations. For this purpose italic and black-face figures may be resorted to with propriety, to set off the various classes of results.
242. Captions for the columns of open tables and boxheads for ruled tables should ordinarily be set in 6-pt. In ruled tables with box-heads of several stories, the upper story-primary heads-should be set in caps and small caps, except where the second story consists of figures only (see p. 92); the lower -secondary-in caps and lower case. Wherever small caps are used in box-heads, the "stub" (i.e., first column) head should, as a rule, also be set in caps and small caps.
243. In ruled tables there should be at least two leads' space between the horizontal rules and the matter inclosed, and, if practicable, at least the equivalent
of an en quad, of the type in which the body of the table is set, between the perpendicular rules and the matter inclosed.
244. In open tables either periods, one em apart and aligned, or leaders, may be used between the columns (see 248). In ruled tables, in the "stub," leaders should usually be employed, if there is room. (A leader is a piece of type, having dots ["period leader"] or short lines ["hyphen leader"] upon its face, used in tables, indexes, etc., to lead the eye across a space to the right word or number.)
245. In columns of figures, to express a blank use leaders across the full width of the column. Center the figures in the column; if they cannot be put in the exact center, and there is an unequal number of digits in the groups, leave more space on the left than on the right.
246. When there is reading-matter in the columns of a ruled table, it should be centered, if possible; if any line runs over, use hanging indention, and align all on the left.
247. Double rules should be used at the top of all tables, but perpendicularly, as a usual thing, only when a table is doubled up on itself.
248. Tables of two columns only should be set as open; of three or more, as ruled.
249. "Table I," etc., in headlines of tables should ordinarily be set in caps of the type in which the body of the table is set; the following (descriptive) line, if any, in caps and small caps of the same type. A single (descriptive) headline, not preceded by the number of the table, should be set in caps of the type in which the table is set.
250. Specimen tables for illustration:

TABLE I
Series of Heads of Bands in the Spectrum of Barium Fluoride

| Series | $A$ | B | C |
| :---: | :---: | :---: | :---: |
|  | 20111.0 | -0.4302 | 9.034 |
| 2. | 20197.8 | -0.441 | 7.06 |
| 3. | 19842.7 | -0.4362 | 13.522 |
| 4. | 19711.7 | -0.35765 | 16.715 |
|  | 19416.2 | -0.3932 | 10.618 |
| 6. | 19531.9 | -0.479 | 7.19 |

TABLE II-Continued

| Serirs C |  |  | Serifs C |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: |
| m | $N$ obs. | $N$ calc. | m | $N$ obs. | $N$ calc. |
| O. . | 17094.8 | 17095.0 |  | 17124.6 | 17124.7 |
| 1. | 100.6 | 100.8 |  | 128.3 | 128.4 |
| 2. | 106.4 | 106.3 |  | 131.7 | 131.7 |
| 3. | 112.2 | 111.4 |  | 134.6 | 134.7 |
| 4. | 116.5 | 116.2 | 10. | 137.3 | 137.4 |
| 5... | 120.8 | 120.6 |  |  |  |

## TABLE SHOWING DISTRIBUTION OF EMPLOYEES

| States | No. or FactoRIES | Number of Employers |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  | Men | Women | Boys | Girls | Total |
| Illinois | 527 | 12,306 | 809 | 115 | 23 | 13,253 |
| Wisconsin | 117 | 4,075 | 618 | 79 | 5 | 4,777 |
| Minnesota | 245 | 6,714 | 338 | 35 |  | 7,087 |
| Michigan | 203 | 5,923 | 414 |  |  | 6,337 |
| Indiana | 370 | 8,451 | 511 | 26 | 6 | 8,994 |
| Total | 1,462 | 37,469 | 2,690 | 255 | 34 | 40,448 |


| Settings .... | Wedge |  |  |  | Diaph. I over $s_{2}$. <br> Diaph. 0.29 cm . over wedge. <br> Reading of pointer, with meter-stick touching $s_{3}$ and screen, 163.66 cm. |
| :---: | :---: | :---: | :---: | :---: | :---: |
|  | - | 5 | 10 | 15 |  |
|  | $\underset{143.1}{\text { cm. }}$ | ${ }_{145.5}$ | cm. 158.3 | ${ }_{187.1}$ |  |
|  | 142.4 | 144.3 | 160.3 159.9 | 186.9 |  |
|  | 143.0 142.2 | 143.8 144.9 | 159.6 150.3 | 184.8 186.2 |  |
|  | 142.2 | $\begin{aligned} & 144.9 \\ & 144.2 \end{aligned}$ |  |  |  |
|  | 142.68 | 144.54 | 159.52 | 186.25 |  |


| Digtrict | Members of Fanmy Groups |  | Lodgres |  | Total |
| :---: | :---: | :---: | :---: | :---: | :---: |
|  | Number | Percentage | Number | Percentage |  |
| Stockyards | 6,348 | 73 | 2,383 | 27 | 8,731 |
| Jewish . . | 813 | 79 | 220 | 21 | 1,033 |
| Bohemian | 1,183 | 95 | 56 | 5 | 1,239 |
| Polish. | 12,657 | 96 | 574 | 4 | 13,231 |
| Italian | 2,249 | 73 | 835 | 27 | 3,094 |

TABLE V


## TECHNICAL TERMS

onemong Google
$<$
ospawa Google

## EXPLANATION OF TECHNICAL TERMS

## The Pont System-

251. The point is the underlying unit of all typographical measures.
252. The standard of measurement is the pica. A pica is twelve points (one-sixth of an inch).

This line is set in 12-pt. (pica). This line is set in ir-pt. (small pica). This line is set in ro-pt. (long primer).
This line is set in 9 -pt. (bourgeois).
This line is set in 8-pt. (brevier).
This line is set in 7-pt. (mision).
Mis line is set in 6-pt. (wansarcit). This line is set in $5-\mathrm{pt}$. (pearl).
The sizes larger or smaller than these are seldom used in book composition.

## Styles of Type-

253. Ordinary type is called roman. To "roman-quote" is to put in roman type between quotation marks.
This line is set in roman.
254. Type with a sloping face is called italic or italics. Italic is indicated in manuscripts by a straight line under the word or words (see p. 123).
This line is set in italics.
255. Type with a heavy black face is called bold face. Bold face is indicated by a wavy line (see p. 123). This line is set in bold face.
256. The body of a type is called the shank; the upper surface, bearing the character, the face; the part of the face projecting beyond the shank, the kern; the part of the shank projecting beyond the face, the shoulder.
257. A font, or complete assortment of a given size, of type includes large capitals ("caps"), small capitals ("small caps"), and lower-case letters (so called from being placed in the lower half of the printer's case). Caps are indicated by three straight lines; small caps, by two (see p. 123).
THESE ARE CAPS OF g-PT. ROMAN. these are small caps of g-pt. roman. These are lower case of 9 -pt. roman.

## Spacing-

258. The technical names for spaces and the methods of spacing depend on whether the "foundry" type (i.e., type set by hand) or machine-set type is in question. There are several makes of type-setting machines on the market, but of these the monotype (see 293) and the linotype (see 294) are in commonest use.
259. The monotype and linotype machines have come into such universal use that a few words regarding their respective systems of spacing are proper:

## MONOTYPE

In monotype composition the unit system instead of the pica system of measurement is used. There are 18 units in a quad, which, unlike the em quad of the foundry type for hand composition, is not a perfect square at the end. The standard space (see 26I) is a 6 -unit space $=3$-em space; a 5 -unit space $=4$-em space; a 4 -unit space $=$ a little less than a 5 -em space, and is the smallest space in use on the monotype machine. These are cast from matrices, and represent "fixed" spaces, i.e., unvarying in width. On the other hand, in the process of composition on the keyboard, the swelling, or justifying, space is used to fill out a line. When it is evident that another word or syllable cannot be set in a line, the keys indicating the proper space are struck by the operator, and all spaces in the line are spread equally to fill out the line, resulting in spaces which do not necessarily contain a specific number of units (see 293).

## LINOTYPE

260. On the linotype machine the pica system of measurement is used. There are three "fixed" spaces (see 26I): the em quad, the en quad, and the thin space, which is equal to a 4 -em space. To spread the spaces, a space band is used; this band can spread a space to any size between a 3 -em space and a space a trifle larger than an en quad. If a
space smaller than a thin space is required, it must be put in by hand (see 294).

## FOUNDRY TYPE (AND GENERAL)

261. An em, em quad, or simply quad (=quadrat) is a block of type the top of which forms a perfect square. A r2-pt. quad is thus a piece of metal one-sixth of an inch square at the ends. The term $e m$ is also used of the size of such a square in any given size of type as a unit of measurement. "Indent 8-pt. 2 ems" thus means that the line should be indented 16 points. An em dash is a dash the width of an em.
Two- and three-em quads are multiples of the above, cast in one block of type-metal. Two- and three-em dashes are dashes the width of 2 - and 3 -em quads respectively.
An en quad is half the size of an em quad in width. Thus an $8-\mathrm{pt}$. en quad is 4 points wide (thick) and 8 points long (deep). An en dash is a dash the width of an en quad.
A three-em space is one-third of an em in thickness. This is also called a thick space, and is the standard space used to separate words.
A four-em space is one-fourth of an em; a five-em space is one-fifth of an em. Four- and 5 -em spaces are also called middle and thin spaces.
A hair-space is any space thinner than a 5 -em.

This line is spaced with em quads.
This line is spaced with en quads.
This line is spaced with 3 -em spaces.
This line is spaced with $4-\mathrm{em}$ spaces.
This line is spaced with $5-\mathrm{em}$ spaces.
The letters in this word are hair-spaced: America.
This is a $3-\mathrm{em}$ dash:
This is a $2-\mathrm{em}$ dash:


This is an em dash: -
This is an en dash: -
262. Space evenly. A standard line should have a 3 -em space between all words not separated by other punctuation points than commas, and after commas; an en quad after semicolons, and colons followed by a lower-case letter; two 3 -em spaces after colons followed by a capital; an em quad after periods, and exclamation and interrogation points, concluding a sentence.
263. If necessary to reduce spacing in a line, begin with commas, and letters of slanting form-i.e., with a large "shoulder" on the side adjoining the space; if necessary to increase, begin with overlapping let-ters-i.e., with "kerns" protruding on the side adjoining the space-straight-up-and-down letters, and points other than periods and commas (in this order).
264. In a well-spaced line, with a 3 -em space between a majority of the words, there should not be more than an en quad between the rest; this proportion
should be maintained in increasing or reducing. To justify a line is to adjust it, making it even or true, by proper spacing.
265. Do not follow an exceptionally thin-spaced line with an exceptionally wide-spaced one, or vice versa, if at all avoidable.
266. Never hair-space, or em-quad, a line to avoid a run-over.
267. Do not space out the last line of a paragraph allowing of an indention of an em or more at the end.
268. Short words, like "a," "an," etc., should have the same space on each side.
269. Use a thin space after $\S, \Pi$, and similar signs; before "f.," "ff.," and the metric symbols:
"§ 14. Be it further ordained . . . "; pp. 10 ff.; 16 cm .
270. In American and English sums of money no space is used between the symbols, $\$$, and $£$ (pounds), $s$. (shillings), and $d$. (pence), and the numerals (an en leader is used for a decimal point):
\$2.75; £10 3s. 2d; $10^{\circ} \mathrm{C}$.
271. After Arabic and Roman numerals at the beginning of lines, denoting subsections, there should be an en quad. After Arabic and Roman numerals at the beginning of center-heads there should be an em quad. Small-cap headings should have an en quad between the words; cap-and-small-cap and cap headings, two 3 -em spaces.
272. Scripture references should be spaced thus:

II Cor. 1:16-20; 2:5-3:12.
273. Between letters forming products, and before superior figures or letters indicating powers, and inferior figures or letters, ordinarily no space should be used:
$\mu_{x}{ }^{2}=\Sigma_{m^{2}}\left(v^{2} z^{2}-2 v w y z+2 w^{2} y^{2}\right)$.
Indentation (Printer's Term: Indention)-
274. In measures of less than io picas' width, indent all sizes r em. In measures of from 10 to 20 , indent
 In measures of from 20 to 30 , indent 11 -pt., $1 \frac{1}{3}$ ems; ro-pt., $1 \frac{1}{2} ; 9$-pt., $1 \frac{2}{3} ; 8$-pt., 2 ; 6 -pt., $2 \frac{1}{2}$. This is for plain paragraphs. In hanging indentions, in measures of less than 10 picas, indent all sizes 1 em; from 10 to 20 , ri-pt., ro-pt., 9 -pt., and 8-pt., $\mathrm{r}_{2}^{\frac{1}{2}} \mathrm{ems} ; 6$-pt., 2 ems; from 20 to 30, ri-pt., 10 -pt., 9 -pt., and 8 -pt., 2 ems; 6-pt., 3 ems.
275. In poetry, center the longest line and let the indention be governed by that; unless the longest line is of disproportionate length, in which case an average of the long lines should be struck, the idea being to give the whole a centered appearance. Where quotations from different poems, following each other in close succession, vary but slightly in length of verse lines, it is better to indent all alike. Indent according to rhymes and length of lines. In
blank verse, where the lines are approximately of the same length, they should be aligned. If consecutive lines rhyme, they should likewise, as a rule, be aligned. If the rhymes alternate, or follow at certain intervals, indent the rhyming lines alike; that is, if, e.g., lines I and 3, and 2 and 4, rhyme, set the former flush in the measure previously determined by the longest line, and indent the latter (usually one em); follow this scheme in any similar arrangement. If any line is disproportionately short-that is, contains a smaller number of feet-indent it more:

And blessed are the horny hands of toil! The busy. world shoves angrily aside The man who stands with arms akimbo set, Until occasion tells him what to do.

I laugh at the lore and the pride of man, At the sophist schools and the learned clan; For what are they all, in their high conceit, When man in the bush with God may meet?

So nigh is grandeur to our dust, So near is God to man, When Duty whispers low, "Thou must," The youth replies, "I can."

Not lightly fall
Beyond recall
The written scrolls a breath can float;
The crowning fact,
The kingliest act
Of Freedom is the freeman's vote!
276. In ordinary reading-matter "plain paragraphs" are always preferable. Where it is desired to bring into relief the opening word or words of a paragraph, or the number introducing such paragraph, or where a center-head makes more than three lines, "hanging indention" is often employed (see 284).

## Leads-

277. A lead is a strip of metal used to separate lines of type. The ordinary (standard) lead is 2 points thick. Matter with leads between the lines is called leaded; without, solid.
This book, for the most part, is set leaded. This paragraph, for illustration, and the Index are set solid. Nearly all books are leaded.
278. A slug is a strip of metal, thicker than a lead, used in the make-up of printed matter into pages, to be inserted after headlines, etc. The two standard sizes are 6 and 12 points (a nonpareil and a pica) thick, respectively.

## Heads or Headings-

279. A center-head is a headline placed at equal distances from both margins of the page or column. Centerheads are usually set in caps or in small caps. This is a center-head:

## SEC. VII. THE PRINCIPLES OF SOCIOLOGY

When such center-head makes more than one line, either the (inverted) "pyramid" form (for two or
three lines) or "hanging indention" (for more than three lines) is employed:

ART EDUCATION FOR THE AMERICAN PEOPLE, AS SHOWN AT THE LOUISIANA PURCHASE EXPOSITION, IN THE NORMAL SCHOOLS, AND IN ART SCHOOLS

## ON CERTAIN IMPLICATIONS OF POSSIBLE CHANGES IN THE FORM AND DIMENSIONS OF THE SUN, AND SOME SUGGESTIONS TOWARD EXPLAINING CERTAIN PHENOMENA OF VARIABLE STARS

280. A side-head is a headline placed at the side of the page or column. It may either be set in a separate line, in which case it is usually set fush-that is, in alignment with the margin of the type-page; or run in-that is, run together in a continuous line with the paragraph to which it belongs. The latter is the more common form. Side-heads are most frequently set in italics, only the first word and proper names being capitalized; sometimes in caps and small caps or in bold face (see 172):
Side-head-
A side-head is a headline . . . .
Side-head.-A side-head is
Side-head.-A side-head is

## Side-head-

A side-head is . . . .
281. A cut-in head is a head placed in a box cut into the side of the type-page, usually set in different type, and as a rule placed under the first two lines of the paragraph:

In making inquiry, therefore, into the value of fraternity life among the children, it is necessary to test it entirely in accordance with its power to contribute to the Group Influence welfare of the school as a social whole. The school, being a social organization, has a right to demand that every individual contribute the best that is in him to the good of all. In making this contribution, it
282. A box-head is a head for a column in a ruled table (see 250).
283. A running-head is a headline placed at the top of each page of a book, etc., usually giving the main title of the work on the left-hand (verso) page, and the title of the chapter, or other subdivision, on the right-hand (recto) page. A good working rule for running-heads is to set them in roman or italic capitals two sizes (points) smaller than the type of the text.

## Paragraphs-

284. Two kinds of paragraphs are distinguished-plain and hanging. A plain (or regular) paragraph has the first line indented, and the others set flush. A hanging paragraph ("hanging indention") has the first line set flush, and the others indented:

Human Nature and the Social Order. By Charles Horton Cooley. New York: Scribner, 1902. Pp. viii+404. In terms of his own thesis Dr. Cooley has transformed the social materials of his times into a personal product; his mind has reorganized and reproduced the suggested, etc.

## Proors-

285. A galley-proof is an impression of the type contained in a long, shallow receptacle of metal, known as a galley, into which the compositor, the operator, or the casting-machine places the material as it is set, line by line.
286. A page-proof is an impression of the type material made up into page-form.
287. A plate-proof or foundry-proof is a proof taken of the type-page immediately before an electrotype cast is made of it. This proof has a black border around the pages, made by ink from the metal frame used to hold the type in place while the cast is being made. Most publications nowadays are printed from such plates, and not directly from the type.
288. A foul proof is a galley-proof containing author's corrections.
289. A revise is a new proof of type corrected from a marked proof.

Make-up-
290. The arranging into page-form of type-lines is called the make-up.
291. A folio is a page-number. Even numbers are placed on the verso; odd, on the recto. A drop-folio is a page-number placed at the bottom of a page.
292. A half-title or bastard title is the abbreviated title of a book placed on a separate page preceding the full title-page, or the title of a part, chapter, etc., preceding such part or chapter on a separate page in the body of the book.

## Typesetting Machines-

293. The monotype-named Lanston after the patenteeis a composing-machine on which, by touching a keyboard, perforations are made in strips of paper, which then are transferred to a second machine, where the matrices to which the perforations correspond are brought in contact with molten type-metal, the characters being cast separately and arranged automatically on a galley in justified lines (see 259).
294. The linotype-named Mergenthaler after its in-ventor-is a composing-machine on which, by touching a keyboard, the matrices from which the characters are cast arrange themselves automatically in lines in a receptacle, which then is brought in contact, on the same machine, with molten typemetal, through a mechanical device which liberates and arranges in order on a galley the stereotyped strips, called "slugs," each consisting of a line of type (see 260).

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## APPENDIX

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## HINTS TO AUTHORS AND EDITORS

Preparation of Manuscripts-
Manuscripts should be either typewritten or in a perfectly clear handwriting. The former is preferable.

The sheets should be of uniform size; $9^{\prime \prime} \times{ }_{11}{ }^{\prime \prime}$ is a desirable size.

Only one side of the paper should be used.
Never roll manuscripts; place them flat in a box or an envelope.

The sheets should not be fastened together except by pins or clips, which can easily be removed.

When one piece of a page is to be fastened to another, use mucilage, not pins. Pins often become unfastened and the slips lost or misplaced.

Liberal margins should be left at the top and lefthand side of the sheets. This space will be needed by the reader or printer for directions.

The pages should be numbered consecutively. Inserted and omitted pages should be clearly indicated. Thus, sheets to be inserted after p. 4 should be marked " 4 A, ," " 4 B, , etc.; sheets omitted between p. 4 and p. 8 should be indicated by numbering p. 4, "4-7."

Additions to original pages should be placed after the sheets to which they belong, and should be marked "Insert A," "Insert B," etc. The places where they are
to be inserted should be indicated by writing, "Here insert A," etc., on the margin of the original pages.

## Paragraphs-

Paragraphs should be plainly indicated, either by indenting the first line or by a $\mathbb{\|}$ mark.

## Footnotes-

Footnotes should be clearly designated, either by separating them from the text by running a line across the page, or by using ink of different color. Some writers make a perpendicular fold in the paper, using twothirds of the space for the text and one-third for the notes.

The word in the text carrying the note should be followed by a superior figure corresponding to that preceding the note.

Footnotes should never be run into the text in manuscripts, whether in parentheses or otherwise.

Note.-It is important to remember that in matter set on the linotype machine the slightest change necessitates the resetting of the whole line. Since it is impossible to foresee how the notes will happen to come out in the make-up, it is impracticable to number them from 1 up on each page. The best way is to number them consecutively throughout an article or by chapters in a book; bearing in mind, however, the very essential point that the change, by omission or addition, of one single number involves the resetting of the whole first line of each succeeding note to the end of the series, as well as the line in the text bearing the reforence to the note.

This difficulty is not met with in matter set on the monotype machine or by hand, where the change of a number amounts simply to substituting one figure for another.

Proper Names, etc.-
Proper names, foreign words, and figures should, in handwritten manuscript, be written with the utmost care and distinctness.

## Title-Pages, etc.-

Copy for title-pages, prefaces, tables of contents, etc., should be submitted with the manuscript. Copy for indexes should be compiled from the special set of pageproofs furnished for this purpose, and promptly delivered to the printers. Unnecessary delay is often caused by postponing these details till the last minute.

## Reading of Proofs-

Read and return your proofs promptly.
In marking proof-sheets, use the standard proofreaders' marks (see p. 123). Do not adopt a system of your own, which, however plain it may seem to you, might appear less so to the compositor.

Be careful to answer all queries in the proofs. Delays and errors often result from not attending to them.

Remember that changes in the type cost money. The omission or addition of a word in the middle of a paragraph may necessitate resetting the whole of this from that point on; and if such alteration is made in the pageproof, it may further involve repaging the entire article or chapter. Make your manuscript as perfect as possible before delivering it to the printer. Any necessary alterations should be made in the galley-proof, as each succeed-
ing stage will add to the cost. Corrections in plates should be studiously avoided. Not only are they expensive, but they are likely to injure the plates.

The original manuscript should in each instance be returned with the galley-proof, in order that the proofreader may refer to it, should any question arise; and each successive set of proofs returned should be accompanied by the previous marked set. This will assist in calculating the cost of alterations properly chargeable to you.

## HINTS TO PROOFREADERS

Read everything as if you yourself were the author. Be particularly careful about proper names and figures. If the copy is not perfectly clear, or if you have reason to doubt its correctness, look it up, or query it to the author.

In asking questions of authors or editors, make your point clear. A simple query is often not enough to draw attention to the particular point you have in mind. Queries in the manuscript should be transferred to the proof, or attention should be directed in the proof to the queries made by the copy-reader in the manuscript.

Be discreet about your queries. Do not stultify yourself and discredit the office by asking foolish questions on the proof. The author will be thankful for any sensible suggestion you may make, but will resent trivial criticisms.

Make a study of the "personal equation" in the case of those individuals (editors and others) with whom you as a proofreader will constantly have to deal. One person may expect of you as a matter of course what another might regard as an unwarranted interference.

Never hesitate to correct anything that is palpably wrong, however positively the copy may assert the contrary. Remember that the blame for the error will eventually be laid at your door, and justly so.

Do not follow copy blindly, unreasoningly. Follow copy only when, and as far as, it is correct. Whether or
not it is correct, you are the judge. Such an excuse as, "I thought the copy was edited"; or, "I thought the author knew what he wanted," is no excuse at all.

Do not ask authors or editors to decide questions of style. The Manual of Style is primarily meant for you. Learn its rules so that you may correct any violation of them you may come upon, without asking questions.

Do not fall into the fallacy that the author's or editor's O.K. relieves you of all or any part of your responsibility. Authors and editors depend on the proofreader to see to it that the typographical requirements have been met, and that the adopted style has been adhered to, and affix their signatures only on that supposition.

Do not shield yourself behind your copyholder. The copyholder is there to assist you, not to tell you how to do things. If you think you have cause to doubt her version of a matter, investigate for yourself.

Do not suggest to the copyholder the reading of a word or phrase which she has difficulty in making out from the manuscript. If she cannot decipher the manuscript, remember that you are the arbiter, and not the compositor.

Do not permit yourself to be stampeded. Cultivate speed, but remember that accuracy is even more important. If the necessary time is not given you, take itwithin reasonable limits-in order to do things right. The credit accruing to you from doing things absolutely right is likely to outlast the displeasure at your lack of dispatch.

In unavoidable cases of "rush," where conditions and
orders are imperative, protect yourself by letting it be understood that you have done your best in the time allotted you, but that you must disclaim any further responsibility.

Put your initial at the top of every galley you read or revise. This will save time in tracing proofs, and insure the giving of credit where it belongs.

## HINTS TO COPYHOLDERS

Cultivate a low, soft, clear reading-voice. Only your own proofreader has to hear you.

Remember that, from the proofreader's point of view, the small words are as essential as the big ones. Get them all in-and get them in right.

Enunciate your plural s's distinctly.
Do not get offended when your reader asks you to repeat, or to look at the copy for himself.

Regulate and equalize your speed. Do not race at a break-neck pace through typewritten copy, while you thread your path fumblingly through the mazes of manuscript.

Do not keep guessing at a word. Look at it closely, consider the context, and do not speak it until you have made it out-or at least made the very best guess of which you are capable.

Sit at right angles to your reader, if possible. He hears you better, and you can watch his hand better, if you do.

Give your reader a chance to make his corrections. Slow up the moment he puts his pencil to the paper. This will save you going over the same ground twice.

Evolve your own system of signals. Do not, for instance, waste time by saying "in italics" for every word or letter so treated. Instead, raise your voice, or tap
the table with your pencil once for each word, or both. Such a code need not be intelligible to others than yourself and your reader.

Do not waste time over matters of style. The proofreader is supposed to know the rules without your telling him; for instance, what titles are to be set in italics, and what roman-quoted.

Be careful in transferring marks. A mark in the wrong place means two errors uncorrected in place of one corrected.

In sending out proofs, see that everything is there. Arrange the copy and proof-sheets neatly and consecutively.

Never send out proofs without consulting the job ticket for the number wanted, and the name and address of the person to whom they are to be sent.

The manuscript should accompany the galley-proof; the foul proof (author's marked galley-proof) should accompany the page-proof. In case no galley-proof has been sent, the manuscript should accompany the pageproof.

Indicate in the lower left-hand corner the contents of all the envelopes you address.

Fasten your pins in the center at the top, not diagonally in the left-hand corner, thus covering up the directions, etc., often written there.

Return every evening to the file or the bookcase any volume that may have been taken out for reference during the day.

Remember that you are the housekeeper of the proofroom, and take pride in its neat and orderly appearance. Keeping the records, files, etc., naturally devolves upon you. Perfect your system so that everything can be located at a moment's notice. The more of that kind of work you do without being asked, and the better you do it, the more you will be appreciated.

|  | PROOFREADER'S MARKS |
| :---: | :---: |
| 8 | Dele, or delete: take jit out. |
| 9 | Letter rpversed-turn. |
| * | Put inspace. |
| - | Close up-no space. |
| vN |  |
| wf | Wrodg font: character of wrong size or style. |
| tr | Transp@le. |
| 9 | Make a new paragraph. |
| $\square$ | Indent; or, put in an em-quad space. |
| $[$ | [Carry to the left. |
| $]$ | C ${ }^{\text {brry }}$ to the right. |
| $\square$ | Elevate. |
| - | Lepress. |
| X | Ipperfect type-correct. |
| $\underset{1}{\psi}$ | Space shows fbetween words-push down. $\overline{\text { Straighten }}$ crooked line. |
| $11=$ | IIStraighten alignment. |
| Stet | Restore or retain words crossed out. |
| $\cdots$ | Print ( $\mathfrak{a}$, fi, etc.) as a ligature. |
| ait_seventy | Words are omitted from, or in, fopy . |
| (1) | Query to author: Is this correct? |
| caps | Put in moneth |
| ser | Put in SMALECAFTAAS. |
| le | Put in monea caje. |
| romi | Put in type. |
| ital | Put in italis type. |
| bf | Put in boldefee type. |

## INDEXES

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## INDEX TO MANUAL

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## SPECIMENS OF TYPES IN USE

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#### Abstract

When thoughtful Greeks like Polybius saw the fall of Carthage and of Corinth, they must have folt that they had reached one of the great turning-points in the world's history. There was no longer any doubt that all the civilized nations hitherto at variance, or at war, distracter by reason of contrasts in population, in government, in language, in traditions, would now be directed by the will of one people, by the influence of one system of law, by the predominance of a common language.

It was not the first time that this grand prospect had been held forth to the world. When Alexander was yet a young man, returning from his conquests in the Far East, men must have anticipated, as very near, an empire not unlike that of Rome; for the conquest of the West would have been no difficult matter to Alexander, with all the resources of Asia under his hand. The successes of Pyrrhus,


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with his small army, against the adult Rome of the third century, frosh from her Samnite conquests, show what would have been the successes of Alexander, with his giant genius and armaments, against the younger and feebler republic. And if the realization of the conqueror's dreams was hindered by his early death, most of the oarly Diadochi had each for many hard-fought years aspired to be his sole successor, hoping to complete his work and regenerate the distracted world by the potent influence of Hellenistic culture.
$\Delta$ world-empire, including all the lands and nations about the Mediterranean Sea, reaching to the frozen north and the torrid south as its natural limits, exchanging the
 But while those that had conceived it and striven for it consciously had 1234567890

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A world-empire, including all the lands and nations about the Mediterranean Sea, reaching to the frozen North and the torrid South as its natural limits, exchanging the virgin ores of Spain for the long-sought spices of Araby the Blest, was therefore no very wild imagination. But while those that had conceived it and striven for it consciously had failed, who could have imagined that it should drop almost suddenly, unexpectedly, by the force, not of genius, but of circumstances, into the hands of a people who attained it, not by the direction of an Alexander, but by such national qualities as had gained for Sparta precedence and respect, coupled with aggressive wars under the guise of securing ever-widening frontiers, such as those which mark the rapid strides of Philip's Macedonia?

Any political thinker who witnessed this mighty outcome of half a OENTURY MIGHT INDEED FEEL UNEASY AT THE RESULT, If he were not, like most of the gtoics, an optimist 1234567890 or a fatalist. There was, no doubt, the manifest gain 1234567890 AEfOU AEIOU \&



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A WORLD-EMPIRE, INCLUDING ALL THE LANDS and nations about the Mediterranean 1234567890 Sea, reaching to the frozen North and the 1234567890
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It was not the first time that this grand prospect had been held forth to the world. WHEN ALEXANDER WAS YET A young man return- I234567890 ing from his conquests I234567890 ẢEMOÜ ÂÊ̂Ô̂́ ÀEU̇ E A Ø No

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## OLD STYLE

EIGHTEEN POINT NO. EIGET [Solid]
When thoughtful Greeks like Polybius saw the fall of Carthage and of Corinth, they must have felt that they had reached one of the great turningpoints in the world's history. There was no longer any doubt that all the
[Leaded]
civilized nations hitherto at variance, or at war, distracted by reason of contrasts in population, in government, in language, in traditions, would now be directed by the will of one people, by the influence of one system of law. IT WAS NOT THE FIRST time that this i 234567890 grand prospect 1234567890

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## MONOTYPE

## SLX PONNT NO. THIRTY-ONE <br> [Solid]

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## [Leaded]

A world-empire, including all the lands and nations about the Mediterranean Sea, reaching to the frozen North and the torrid South as its natural limits, exchanging the virgin ores of Spain for the long-sought spices of Araby the Blest, was therefore no very wild imagination. But while those that had conceived it and striven for it consciously had failed, who could have imagined that it should drop almost suddenly, unexpectedly, by the force, not of genius, but of circumstances, into the hands of a people who attained it, not by the direction of an Alexander, but by such national qualities as had gained for Sparta precedence and respect, coupled with aggressive wars under the guise of securing ever-widening frontiers, such as those which mark the rapid strides of Philip's Macedonia?

Any political thinker who witnessed this mighty outcome of half a century might indeed feel uneasy at the result, if he were not, like most of the Stoics, an optimist or a fatalist. There was, no doubt, the manfest gain of a great peace throughout the world, of the real settlement of disputes by the arbitration of an umpire with power to enforce his will; there was the consequent development of wide commerce with its diffusion, not only of wealth, but of enlightenment. These material gains were indisputable, even though a dangerous monopoly was being established, not merely through the enormous advantages inseparable from Roman influence, but by the jealous destruction of all those commercial centers which might have rivaled Rome by reason of favored situation or old traditions of trade.

But far more serious was the patent fact, that neither the Roman people nor their hence it resulted that the Common people degenerated rapidly into a vulgar mob, pursuing solely its material in 34567890 pleasures, and the dominant classes, when vast opportunities of wealth 1234567890

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## MONOTYPE

## SEVEN POINT NO．THIRTY－ONE

［Solid］
When thoughtful Greeks like Polybius saw the fall of Carthage and of Corinth，they must have felt that they had reached one of the turning－points in the world＇s history．There was no longer any doubt that all the civilized nations hitherto at variance，or at war，distracted by reason of contrasts in population，in government，in language，in traditions，would now be directed by the will of one people，by the influence of one system of law，by the pre－ dominance of a common language．

It was not the first time that this grand prospect had been held forth to the world．When Alexander was yet a young man，returning from his con－ quests in the Far East，men must have anticipated，as very near，an empire not unlike that of Rome；for the conquest of the West would have been no difficult matter to Alexander，with all the resources of Asia under his hand． The successes of Pyrrhus，with his small army，against the adult Rome of the third century，fresh from her Samnite conquests，show what would have been the successes of Alexander，with his giant genius and armaments，against the younger and feebler republic．And if the realization of the conqueror＇s dreams was hindered by his early death，most of the early Diadochi had each for many

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## MONOTYPE

EIGET PONTT NO．THIRTY－ONE
［Solid］
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## MONOTYPE

nine point no. thirty-one
[Solid]
When thoughtful Greeks like Polybius saw the fall of Carthage and of Cornith, they must have felt that they had reached one of the great turning-points in the world's history. There was no longer any doubt that all the civilized nations hitherto at variance, or at war, distracted by reason of contrasts in population, in government, in language, in traditions, would now be directed by the will of one people, by the influence of one system of law, by the predominance of a common language.

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[Leaded]
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A world-empire, including all the lands and nations about the DROP ALMOST SUDDENLY, UNEXPECTEDLY, BY THE force, not of genius, but of circumstances, i 234567890 into the hands of a people who attained it, not by 1234567890

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## MONOTYPE

ten point no. thirty-one
[Solid]
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## MONOTYPE

eleven point no. thirty-one
[Solid]
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## MONOTYPE

TWELVE POINT NO. THIRTY-ONE
[Solid]
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## MONOTYPE

## sIX POINT NO. TIVE <br> [Solid]

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## [Leaded]

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## MONOTYPE

## SEVEN PONT NO. EIGRT

[Solid]
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OF THE STOICS, AN OPTIMIST OR A FATALIST. THERE was, no doubt, thi manifest gain of a great 1234567890 peace throughout the world, of the real settlement of 1234567890

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## MONOTYPE

## EIGET POINT NO. EIGET

[Solid]
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[Leaded]
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## MONOTYPE

nine point no. Eiget
[Solid]
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## [Leaded]

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## MONOTYPE

## gleven point no. eiget

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## [Leaded]

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Diadochi had each for many hard1234567890

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## MONOTYPE

## SIX POINT CUSHING NO. TWENTY-FIVE <br> [Solid]

When thoughtful Greeks lize Polybius saw the fall of Carthage and of Corinth, they must have felt that they had reached one of the great turning-points in the world's history. There was no longer any doubt that all the civilized nations hitherto at variance, or at war, distracted by reason of contrasts in population, in government, in language, in traditions, would now be directed by the will of one people, by the influence of one system of law, by the predominance of a common language.

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## [Leaded]

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BUT FAR MORE SERIOUS WAS THE PATENT FACT, THAT NEI


## MONOTYPE

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## MONOTYPE

## EIGET PONNT CUSRING NO. TWENTY-YIVE

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It was not the first time that this grand prospect had been held forth to the world. When Alexander was yet a young man, returning from his.conquests in the Far East, men must have anticipated, as very near, an empire not unlike that of Rome; for the conquest of the West would have been no difficult matter to Alexander, with all the resources of Asia under his hand. The successes of Pyrrhus, with his small army, against the adult Rome of the third century, fresh from her Samnite conquests, show what would have been the successes of Alexander, with his giant genius and armaments, against the younger and feebler republic. And if the realization of the

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## MONOTYPE

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A world-empire, including all the lands and nations about the Mediterranean Sea, reaching to the frozen North and the torrid South as its natural limits, 1234567890 EXCHANGING THE VIRGIN ORES OF SPAIN FOR THE

## MONOTYPE

## TEN POINT CUSHING NO. TWENTY-RIVE

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A world-empire, including all the 1234567890 LANDS AND NATIONS ABOUT THE MEDITER-


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## CASLON OLD STYLE

## EIGHT POINT

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## fourteen point

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## SCOTCH ROMAN

## SIX POINT

## [Solid]

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But far more serious was the patent fact, that neither the Roman people NOR THEIR RULERS HAD RECEIVED ANY EDUCATION TO FIT THEM FOR AN IMPERIAL POLICY, MATERIAL PLEASURES, AND THE 1234567890 dominant classes, when vast opportunities of wealth

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A world-empire including all the lands and nations about MEDITERRANEAN SEA, REACHING THE FROZEN North and the torrid South as 1284567890 natural limits, exchanging the virgin 1234567890

## SCOTCH ROMAN

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gOURTEEN PONT [Solid]
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# BOOKMAN OLD STYLE 

## SIX PONT

## [Solid]

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## BOOKMAN OLD STYLE

## EIGET PODNT

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THE MANIFEST GAIN OF A GREAT PEACE THROUGHO A ©M R $r$ r © of 1234567890

## BOOKMAN OLD STYLE

## TEN POINT

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## BOOKMAN OLD STYLE

## TWELVE PONT

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## PORSON GREEK

six point






eight point






TEN PONTI
 тồ ìv $\Delta e \lambda \phi o i ̂ s ~ \chi \rho \eta \sigma \tau \eta \rho i ́ o v . ~ \sigma o ̛ ̀ ~ \gamma a ̀ \rho ~ d ̀ ̀ ~ \lambda e ́ \gamma \epsilon \tau a l ~ \pi a ́ v v ~ \gamma \epsilon ~ \tau \epsilon \theta є \rho a-~$




## cleven point

 тà éк тov̂ év $\Delta \epsilon \lambda \phi 0 i ̂ s ~ \chi \rho \eta \sigma \tau \eta \rho i o v \cdot ~ \sigma o i ̀ ~ \gamma a ̀ \rho ~ \delta \grave{\eta} \lambda e ́ \gamma \epsilon \tau a \iota ~ \pi a ́ \nu v ~$



## twelve point






## ANTIQUE GREEX

EIGET PONT





eleven point





INSCRIPTION GREEK
TEN PODNT
PHミANTA $/ / / / Y \mid \Psi / / /{ }^{\prime} P A \Phi Y \wedge A \equiv A O T A$

TAMIЄ¥ミANTADEKATTW／ITEYそANTAW／IIL GPAMMATEYミANTAKAITH［ФI＾OミEBAミTOY

## HEBREW

sIX POINT




MINE POINT




## NESTORIAN SYRIAC

## NINE POINT

 .



## ARABIC

mDNE POLNT
نقال العربُ تَنْسِبُ كلَ خير الى الييين ركئل شّ" الى




## ETHIOPIC

## NINE POINT

 U7.C: $\boldsymbol{0}$ :






## MISCELLANEOUS SIGNS

six point

hight point

none point


ten point
$=+ー \div \times<\triangle \Delta \square:: \because \div \neq \neq \neq \equiv \leqq$



$$
::-<\angle \sim\|/\| \mid \times \oplus
$$

eleven point
$=+-\div \times<\Delta \square:: \div \pm V$ / く
 mb n 9 J

## sEvEN PONT



CASLON OLD STYLE
EIGHTEEN POINT
When thoughtful Greeks like 1234 THE FIRST TIME THAT THE TWENTY-TWO POINT
When thoughtful Greeks 5678 THE FIRST TIME THAT

## When thoughtful Gr 9012 THE FIRST TIME TH

THIRTY PONNT

## When thoughtful 3456 'THE FIRST TIME T

thirty-six point
When thoug 7890
THE FIRST TIM

## CASLON OLD STYLE

FORTY-EIGHT PODNT

## When th 1234 THEFIRST

CASLON OLD STYLE ITALIC
eighteen point
When thoughtful Greeks like Pol 1234 THE FIRST TIME THAT THE TWENTY-TWO POINT
When thoughtful Greeks like 5678 THE FIRST TIME THAT

TWENTY-FOUR POINT
When thoughtful Greeks 9012 THE FIRST TIME THA

THRTY PONTT
WHEN thoughtfu 3456

NO. 8 OLD STYLE
TWENTY-TWO POLNT
When thoughtful Gre 1234 THE FIRST TIME TH

TWENTY-FOUR POINT

## When thoughtful 5678 THE FIRST TIME

## THIRTY-TWO POINT

## When thoug 9012 THE FIRST TIM

PORTY-POUR POLNT


NO. 8 OLD STYLE ITALIC
TWENTY-TWO POINT
When thoughtful Gr 1234 THE FIRST TIME TH
mameno nom
When thoughtful 5678 THE FIRST TIME thirty-two point

forty-four point


ELZEVIR ITALIC
TEN PONTT
THE FIRST TIME THAT THE $\mathcal{A} \mathcal{D}$ ©M ON R 12345

## CONDENSED OLD STYLE

eigit point
the first time that the grand prospect had been held
12345
nns pont
THE FIRST TIME THAT THE GRAND PROSPECT H 67890
TEN PODNT
THE FIRST TIME THAT THE GRAND PROS 12345 TWELVE PONNT
THE FIRST TIME THAT THE G 67890 sIXTEEN POINT
THE FIRST TIME THAT THE G 1234
EIGETEEN PONT

## THE FIRST TIME THAT T 5678

TWENTY POINT

## THE FIRST TIME T 9012

 TWENTY-TWO POINTTHE FIRST TIME T 3456

TWENTY-FOUR POINT


TWENTY-EIGET POINT
THE FIRST TI 1234

## CONDENSED OLD STYLE

THIRTY-TWO POINT


THIRTY-SIX POINT


FORTY POINT


EXTENDED OLD STYLE
TWENTY-FOUR POINT

## When thought 123 THE FIRST TIME

TEIRTY-TWO PONNT

## When tho 45 THE FIRST I

## EXTENDED OLD STYLE

## forty-eigat point



FRENCH OLD STYLE
six ponst
When thoughtful Greeks like Polyblus saw the fall of Carthage and of Corinth 12345 When thoughtful Greeks like Polybius saw the fall of Carthage and THE FIRST TIME THAT THE GRAND PROSPECT HAD BEEN HELD FORTH
seven point
When thoughtful Greeks like polybius saw the fall 67890 THE FIRST TIME THAT THE GRAND PROSPECT HAD BEEN HELD
eiget point
When thoughtful Greeks like Polybius saw the fall of Carth 12345 When thoughtful Greeks like Polybius saw the fall THE FIRST TIME THAT THE GRAND PROSPECT HAD B

TEN PODNT
When thoughtful Greeks like Polybius saw 67890 THE FIRST TIME THAT THE GRAND PROSPECT

TWELVE POINT
When thoughtful Greeks like Poly 12345 THE FIRST TIME THAT THE GRAND PRO

## FRENCH OLD STYLE

FOURTEEN PONNT
THE FIRST TIME THAT THE GR 67890 SIXTEEN POINT THE FIRST TIME THAT THE 1234

TWENTY POINT
THE FIRST TIME T 5678
TWENTY-FOUR PONNT
THE FIRST TIME 901
THIRTY POINT

thirty-six point

forty-eiget point

sIxTy point


## CHELTENHAM OLD STYLE

8IX POINT
When thoughtful Greeks like Polybius saw the fall of Carthage and of Corinth, they mn 12345 THE FIRST TIME THAT THE GRAND PROSPECT HAD BEEN HELD FO eiger ponnt
When thoughtful Grecks like Polybius saw the fall of Carthage and of C 67890 THE FIRST TIME THAT THE GRAND PROSPECT HAD BEE TEN POLNT
When thoughtful Greeks like Polybius saw the fall of Ca 12345 THE FIRST TIME THAT THE GRAND PROSPEC

TWELVE POLNT
When thoughtul Greeks like Polybius saw the f 67890 THE FIRST TIME THAT THE GRAND PR

ACCFNIIN THITERS-SIX TO TWBIN POLN

## ÀÂA ÉÉEE Ill OOOOOUUOU ÇN N



CHELTENHAM OLD STYLE ITALIC
SIX POINT
When thoughtul Greeks like Polubius saw the fall of Carthage and of Corinth, that 12345 THE FIRST TIME THAT THE GRAND PROSPECT HAD BEEN HELD
eigert ponst
When thoughtful Greeks like Polybius saw the fall of Cartbage and 67890 THE FIRST TIME THAT THE GRAND PROSPECT HAD BE
ten point
When thoughtful Greeks like Polybius saw the fall of 12345 THE FIRST TIME THAT THE GRAND PROSPE TWELVE PONNT
When thoughtful Greeks like Polybius saw tb 67890 THE FIRST TIME THAT THE GRAND P

## CHELTENHAM OLD STYLE ITALIC

FOURTEEN POINT
When thoughtful Greeks like Polybius 1234 THE FIRST TIME THAT THE GR eighteen point
When thoughtful Greeks like 5678 THE FIRST TIME THAT T

TWENTY-FOUR POINT

## When thoughtful Greek 901 THE FIRST TIME TH

mann mar

## When thoughtful 1908

THIRTY -SIX PONS

## When thought 190

special characters-all sizes
$\mathcal{A} \mathcal{B} \mathcal{D} \mathcal{E} \mathscr{H} \mathcal{X} \mathcal{P} \mathcal{R} \mathcal{T}$ V nammu mm unix man mom $\ddot{A} E \quad O \quad U \quad N$


## CHELTENHAM WIDE

six podir
When thoughtful Greeke like Polybius saw the fall of Carthage and of Co 12345 THE FIRST TIME THAT THE GRAND PROSPECT HAD BEEN HELD FO
eiget point
When thoughtful Greeks like Polybius saw the fall of Carthage 67890 THE FIRST TIME THAT THE GRAND PROSPECT HAD BEE
tin point
When thoughtful Greeks like Polybius saw the fa 12345 THE FIRST TIME THAT THE GRAND PROSPEC

TWELVE POINT
When thoughtful Greeks like Polybius saw 67890 THE FIRST TIME THAT THE GRAND PR

FOURTEEN POINT
When thoughtful Greeks like Polyb 1234 THE FIRST TIME THAT THE GRA

When thoughtful Greeks lik 5678 THE FIRST TIME THAT TH

TWENTY-FOUR PONTT

## When thoughtful Gr 9012 THE FIRST TIME THA

## CHELTENHAM WIDE

thirty point

## When thoughtful 345 <br> THE FIRST TIME T

man
When though 678
THE FIRST


FORTY-TWO POINT


FORTY-EIGET POINT


ÀÅ Ë ÊE IIIƠOÖ UUU ÇN àáâa èéce í òóo ù úau ç ñ

## CBELTENHAM WIDE

six Ponst
When thoughtful Greeko like Pobbius saw the fall of Carthage and of Co 12345 THE FIRST TIME AHAT THE GRAND PROSPECT HAD BEEN HELD FO
eiget ponst
When thoughtful Greeks like Polybius saw the fall of Carthage 67890 THE FIRST TIME THAT THE GRAND PROSPECT HAD BEE
tin point
When thoughtful Greeks like Polybius saw the fa 12345 THE FIRST TIME THAT THE GRAND PROSPEC
twelve point
When thoughtful Greeks like Polybius saw 67890 THE FIRST TIME THAT THE GRAND PR
fOURTEEN PONTT
When thoughtful Greeks like Polyb 1234 THE FIRST TIME THAT THE GRA

HGGTEEN POANT
When thoughtful Greeks lik 5678
THE FIRST TIME THAT TH

TWENTY-FOUR PONT

## When thoughtful Gr 9012 THE FIRST TIME THA

## CEIELTENHAM WIDE

## TEIRTY POINT

## When thoughtful 345 <br> THE FIRST TIME T



FORTY-TWO PONTT


FORTY-EIGHT POINT


ACCENTED LETTERS-SIX TO TWELVE POINT
ÀÂÄ ÉEE III OOO ƯOUU ÇN àáâa èéce íi òóo ùúađ ç n

## CHELTENHAM CONDENSED

EIGHTEEN POINT
When thoughtful Greeks like Po 12345 THE FIRST TIME THAT THE GRA TWENTY-FOUR POINT

## When thoughtful Gree 67890

 THE FIRST TIME THAT THCHELTENHAM BOLD CONDENSED six point
the first time that the grand prospect had been heid forth 12345
ciget ponst
THE FIRST TIME THAT THE GRAND PROSPECT HAD BEE 67890
TEN POINT
THE FIRST TIME THAT THE GRAND PROSPEC 6789
TWELVE POINT
THE FIRST TIME THAT THE GRAND PRO 1234
FOURTEEN ZONNT
THE FIRST TIME THAT THE GRA 5678
EIGHTEEN POINT
THE FIRST TIME THAT THE 9012

TWENTY-FOUR PONTT
THE FIRST TIME TH 3456

CHELTEIBAM BOLD
$85 x$ FOMST
When themeliffal Grocks like Polybime eaw the fall of Carthage and o 12345 THE FLRST THE THAT THE GRAND PROSPECT HAD BEEN HELD F

Hent roant
When choughtful Greoks likse Polybius saw the fall of C 67890 THE FLRST TMNE THAT THE GRAND PROSPECT HAD BE

TIER PONTS
When thoughtful Greeks like Polybius saw t 12345 THE FIRST TIME THAT THE GRAND PROSPE

TWIAVE POLT
When thoughtful Greeks like Polybius s 67890 THE FIRST TIME THAT THE GRAND PR

FOUETEM POMT
When thoughtful Greeks like Po 1234 THE FIRST TIME THAT THE GR

ECCITEAN POnT
When thoughtful Greeks 5678 THE FIRST TIME THAT TH

SWHTY-2que Ponst

## When thoughtful G 901 THE FIRST TIME THA

## CERELTENBAM BOLD

# 2119120012 <br> When thoughtf 234 THE FIRST TIME T 

 2.112x-10 20.n5 When thoug 567 THE FIRST TIM

Foetr-ment somit


CEELTENHAM BOLD
SIXCY PONTT


SEVENTY-TWO PODTT


ACCENTED LETTERS-SIX TO TWELVE POLNT



CHELTENEAY BOLD CONDENSED
NHETY 8 -8IX PODT


OARE-EUTDRED-AND-TWENTY FODTE


## CHELTENHAM BOLD CONDENSED

ONE-EUNDRED-AND-EIGHTY PONNT


TWO-HUNDRED-AND-SIXCTEEN PONT


## CHELTENEAY BOLD ITALIC

six monir
When thoughtful Groeks the Polybius saw the fall of Carthage a 12345 THE FIRST THME THAT THE GRAND PROSPECT HAD BEEN HELD
meart roart
When thougheful Grecks tike Polybime sano the fall of C 67890 THE FIRST TIME THAT THE CRAND PROSPECT HAD BE
tin ronit
When thoughtful Greeks like Polybius saw 12345 THE FIRST TIME THAT THE GRAND PROS

TWELVE PODRT
When thoughtful Greeks like Polybius 67890 THE FIRST TIME THAT THE GRAND P
houstime mont
When thoughtful Greeks like P 12345 THE FIRST TIME THAT THE GR

Houtrien moort
When thoughtful Greeks 5678 THE FIRST TIME THAT T

SWRery-700 ROMT
When thoughtful 9012
THE FIRST TIME TH
CEELTENEAM BOLD ITALICtharty rontr
When thought 345 THE FIRST TIME
-
When thou 8 78

# THE 

FIR

ST

## 

 Åáä é i Ơóö Uưüu $\boldsymbol{N}$ n
## CLARENDON

six pont
Whan thoughtful Greaks like Polybius san the fall of Carthage an 18985 THE FIBET TITE THAT THE GRAND PROBPECT HAD BEEI HRL
MINE PORNT
When thoughtful Greaks like Polybins saw the fall of 67890 THE FIRST TITE THAT TER GRAND PROSPECI RA
zlevza ponst
When thoughtful Greeks like Polybius sa 12345 THE FIRST TIM THAT THE GRAND PRO

When thouchtful Greeks like Polybiua aaw the fall of Oer 18845 TER FIRST TIME TEAT TEY GRAND PROSPHOT EAD B

## DELLA ROBBLA

818 fonis
When choughuful Greaks the Polytives saw the fall of Cartheas and of Corineh, thay 12345 THE FIRST TIME THAT THE GRAND PROSPECT HAD BEEN SET FORTH
merit ronst
When thougheful Greeks like Polybius saw the fall of Carthage and of 67890 THE FIRST TIME THAT THE GRAND PROSPECT HAD BEEN S

TEA POMT
When thoughfful Greeks like Polybius saw the fall o 12345 THE FIRST TIME THAT THE GRAND PROSPE

TWELVE POMAT
When thoughful Greeks like Polybius saw th 67890 THE FIRST TIME THAT THE GRAND PR

FOURTENN FOMT
When thoughtful Greeks like Polybi 1234 THE FIRST TIME THAT THE G

## ATHINAAT NO.NS

When thoughtful Greeks li 5678 THE FIRST TIME THAT T

TWEATY-FOUR RODS

## When thoughtful G 9012 THE FIRST TIME TH

## DELLA ROBBLA

TEDETY FORTI

## When thought 3456 THE FIRST TIME

TERETY-8DE FONTT


FORTY-TWO FONTI
When tho 123 THE FIRST I

FORTY-EIGRT PONT


## CUSHING OLD STYLE <br> str pons

Whea thouchtinl Greeks tike Polybius saw the fall of Carthage and of Cori 22345 THE IIRST TITE TRAT THE GRAND PROSPECT HAD BEEN HELD FO
seven ponst
When thoughtful Greeles like Polybius saw the fall of Carthage and 67890 TET PIR8T TIIE THAT THE GRAND PROSPECT HAD BEEA HELD
ehgit point
When thoughtful Greeks like Polybius sav the fall of Carth 12345 TEE ELRST TME TEAT TEE GRAND PROSPECT BAD BE
mine pont
When thoughtful Greeks like Polybius saw the fall of Carth 67890 THE EIRST TIIE THAT THE GRAND PROSPRCT HAD BEE

## ten ponit

When thoughtful Greeks like Polybius saw the fall of 12345 THE FIRST TIME THAT THE GRAND PROSPECT H

## eleven point

When thoughtful Greeks like Polybius saw the fa 67890 THE FIRST TIME THAT THE GRAND PROSPECT

TWELVE PONT
When thoughtful Greeks like Polybius saw t 12345 THE FIRST TIME THAT THE GRAND PROSPE

FOURTMEN PONFT NO. ONE
When thoughtful Greeks like Polybius s 67890 THE FIRST TIME THAT THE GRAND P

## CUSHING OLD STYLE

FOURTEEN PONTI NO. TWO
When thoughtful Greeks like Pol 1234 THE FIRST TIME THAT THE GR

EIGRTEEN PONT
When thoughtful Greeks 15678 THE FIRST TIME THAT TH

TWENTY-FOUR POINT

## When thoughtful G 90I THE FIRST TIME TH

THIRTY-SIX PONTI

## When thoug 234 THE <br> 

FORTY-EIGET 20nT


PONTIAC<br>sIX POMT<br>

HGET PONT
When thruchtful Grocks like Polyluns saw the fall of Carthago and of Corinithe 67890 THE FRST TME THAT THE GRAND PROSPECT HAD BEEN IEED FORTH TO THE

## TEN PONT

When thoughtful Greeks 鲅e Polyblus saw the fall of Carthag 12345 THE FRRST TIME THAT THE GRAND PROSPECT HAD BEEN HELD

TWELVE PONT
When thoughtful Greeks like Polyblus saw the fall 67890 THE FIRST TIME THAT THE GRAND PROSPECT HAD BE

FOURTEEN POINT
When thoughtful Greeks like Polyblus saw the I234 THE FIRST TIME THAT THE GRAND PROSPECT HA

HGETEEN POINT
When thoughtful Greeks like Polybius 5678 THE FIRSI TIME THAT THE GRAND PROS

TWENTY-FOUR POINT

## When thoughtfull Greeks like 9012 THE FIRST TIME THAT THE GRA

## PONTIAC

 thirty point
## When thoughiffulu Greek 3456 THE FIRST TIME THAT TH thirty-six point When thoughtfulu 6789 Hifl firsi TIME THAT

ENGRAVER'S BOLD
six ponst
NO. ONE
 NO. TWO
TEIS FIRET TIME THAT THE GRAND PROBPECT EAD REEN EELD FORTE GTEQO NO. TEREE
THE FIRET TIME TYAT TEE GRAND PROEPECT EAD BEEN 1R34B NO. FOUR

THE FIRET TIME TEANT THE GRAND PROEPECT 62890 NO FIVE
TME EIEAM TIMEE THAN TYEE GRAND PR $12 B 4.5$ TWELVE PONTT

NO. ONE
 NO. TWO

NO. TEREE
THE FIRST TIME 5678

## CENTURY EXPANDED

sIX PONTT
THE FIRST TIME THAT THE GRAND PROSPECT HAD BEHN HIML 12845

higer ponst<br>THE FIRST TIME THAT THE GRAND PROSPECT 67890

ting poort
THE FIRST TIME THAT THE GRAND PRO 12345
rieven ponst
THE FIRST TIME THAT THE GRAND 67890

TWELVE POMT
THE FIRST TIME THAT THE GRAN 12345
fourtern ponst
THE FIRST TIME THAT THE 1234

EGGETEEN PONT
THE FIRST TIME THA 5678

TWENTY-FOUR PONNT
THE FIRST TIME 9012
thirty ponit
THE FIRST TI 345

POST OLD STYLE
six pontr
Whon thoughtinl Grooks IAko Polybine saw 12845 THI TIRST TIME THAT THE GRAND PROSPE
nicar ponst
When thoughtful Greeks like Poly 67890 TEIE FIRST TIME THAT THIL GRAND PR
ten ponst
When thoughtful Greeks lik 12345 THE FIRST TIME THAT THE GR

TWELVE PONT
When thoughtful Greeks 67890 THE FIRST TIME THAT THE
maiteren ponnt
When thoughtful 1234 THE FIRST TIME TH TWENTY-FOUR PONTI

## When thoug 5678 THE FIRST TIME

THIRTY-SIX POMTX
 GPECLAT CRARACTERS-ATK SLEAS

$$
\text { The of ct } r
$$

## PACKARD

EIGET PODT
When thoughtuful Groeks like Polybius sew the fall of Carthege and of C iasas THE FIRST TMME THAT THE GRAND PROSPECT HAD BEEN

TEN PONTT
When thoughtful Greeks like Polybius saw the fall of Ca 67890 THE FIRST TIME THAT THE GRAND PROSPECT

TWEIVE POETT
When thoughtful Greeks like Polybius saw the fall 12345 THE FIRST TIME THAT THE GRAND PROS
rodrtris ponnt
When thoughtful Greeks like Polybius s 67890 THE FIRST TIME THAT THE GRAND

FIGEMERN PONT
When thoughtful Greeks like P 12345 THE FIRST TIME THAT THE TWENTY-TOUR PODIT

## When thoughtful Greek 67890 THE FIRST TIME THAT

 THITY PODTE
## When thoughfful G 123 THE FIRST TIME T

## PACKARD

IHRETY-SIX PONTI

## When thought 4567 THE FIRST TIM

FORTY-EIGET PONT

Whentho



BPECLAI CBARACTERS-ALI SIEES


CLOISTER BLACK

TWELVE PONTI
Whyen thoughtful ©recks like 3901 yb 1234567890

## PACKARD

EIGRT PODT
When thougheful Groeks like Polybius sew the fall of Carthage and of C is345 THE FIRST TMME THAT THE GRAND PROSPECT HAD BEEN

TEN PONT
When thoughtful Greeks like Polybius saw the fall of Ca 67890 THE FIRST TIME THAT THE GRAND PROSPECT

TWIEVE PODTE
When thoughtful Greeks like Polybius saw the fall 12345 THE FIRST TIME THAT THE GRAND PROS

TOURTEEN PODNT
When thoughtful Greeks like Polybius s 67890 THE FIRST TIME THAT THE GRAND

TIGETEEN RONT
When thoughtful Greeks like $\mathrm{P}_{12345}$ THE FIRST TIME THAT THE TWENTY-2OUB POITS
When thoughfful Greek 67890 THE FIRST TIME THAT thisty pondt

## When thoughtful G 123 THE FIRST TIME T

PACKARD

## 2HIRTY-SDX PONTI <br> When thought 4567 THE FIRST TIM

FORTY-EIGET PONT

Whentho 890



8PECLAL CRARACTERS-ALL SIRES


CLOISTER BLACK

TWELVE PONTI
Notbent thoughtful ©recks like 3plph 1234567890

DE VINTE
815 POMT
When thomghtiful Oreoks Ilke Polyblus saw the fall of Carthage and e 12345. THE PIRST TIME THAT THE GRAND PROSPBCT HAD BEEN HELD PO

Herit pome
When thoughtful Greeks like Polybius saw the fall of 67890 THE FIRST TIME THAT THE ORAND PROSPECT HAD B
rint ponst
When thoughtful Greeks like Polybius saw the 12345 THE FIRST TIME THAT THE GRAND PROSPECT

TWELVE POMT
When thoughtful Greeks like Polyb $\mathbf{6 7 8 9 0}$ THE FIRST TIME THAT THE GRAND

FGETTEAT PODTT
When thoughtful Greek 1234 THE FIRST TIME THAT T

IWINTY-TOUR PODRT

## When thoughtful 567 THE FIRST TIME T

teirty ponit

## When though 890 THE FIRST TIM

## DE VINTE

thirty-six point

## When thou 12 THE FIRST S

PORTY-TWO PONT

sIXTY PORNT


## DE VINTE

BEVETTY-TWO POLAT


8EVENIT-IWO POLTI A


DE VINTEE
WDIETY-81X PODIS


ONE-EONDRED-AND-TWENTY POINT


## DE VINTIE CONDENSED

SEVENTY-TWO PONT


NHNETY-61X PODNT


ONE-EUNDRED-AND-TWENTY EONTT



JENSON OLD STYLE ITALIC


BOLD-FACE ITALIC
8IX PONTT
When thoughtful Greeke like Polybius saso the fall of Carth 12345 THE FIRST TIME THAT THE GRAND PROSPECT HAD BEEN EINE PONT
When thoughtful Greeles like Polybius saw th 67890 THE FIRST TIME THAT THE GRAND PROSPE

OLD STYLE ANTIQUE
gagrens ponnt
When thoughtful Greeks 3467 THE FIRST TIME THAT T

## DE VINTE

SEVENTY-TWO PONT


SEVENTY-TWO POINT A


## DE VINTE

SHETYY-8TX POLST


ONE-EUNDRED-AND-TWENTY PONT


## DE VINTE CONDENSED

SEVENTY-TWO POLTI


NHEETY-6IX POETT


ONE-EUNDRED-AND-TWENTY PORT



JENSON OLD STYLE ITALIC

## rorty-Eigat ponit <br> THE <br> thoug56

BOLD-FACE ITALIC

six pontr

When thoughtful Greeice like Polybius saso the fall of Cavth 18345 THE FIRST TIME THAT TEF GRAND PROSPECT HAD BEEN NINE PONNT
When thoughtful Greeks like Polybius saw th 67890 THE FIRST TIME THAT THE GRAND PROSPE

OLD STYLE ANTIQUE
EGGETEEN PONT
When thoughtful Greeks 3467 THE FIRST TIME THAT T

SCOTCH ROMAN

EIGETEEN PONT
When thoughtful Greeks 1234 THE FIRST TIME THAT

TWENTY-TOUR PODTI

## When thoughtful 5678 THE FIRST TIME T

THERTY POLTT

## When thought 901 THE FIRST TIM

THIRTY-SIX PODST

## When thou 456 THE FIRST T

SCOTCH ROMAN
FORTY-EIGET PONAT


SIXTY PODNT


# LIGHT-FACE GOTEIC <br> six POMTS 

When thoughtful Greeks like Polybiue saw the fall of Carthage and of Corinth, they 12345 THE FIRST TIME THAT THE GRAND PROSPECT HAD BEEN HELD FORTH TO

EIGET PONT
When thoughtful Greeks like Polybius saw the fall of Carthage 67890 THE FIRST TIME THAT THE GRAND PROSPECT HAD BEEN HE
six Pontt combination cothic no. one hunderd and sixty-thres the first time that the grand prospect had been held forth to the worlo 12345

GOTHC CONDENSED
six ponst
When thoughtful Greeks like Polyblus saw the fall of Carthage and of Corinth, th 12345 THE FIRST TIME THAT THE GRAND PROSPECT HAD BEEN HELD FORTH TO TH
mont ponst
When thoughtful Greeks like Polybius saw the fall of Carthag 67890 THE FIRST TIME THAT THE GRAND PROSPECT HAD BEEN HE
tin pongt
When thoughtful Greeks like Polybius saw the fall 12345 THE FIRST TIME THAT THE GRAND PROSPECT HAD

## TWITVE POINE

When thoughtful Greeks like Polybius sa 6789 THE FIRST TIME THAT THE GRAND PROSPE ERGETEEN PODNT
When thoughtful Greeks like P 1234 THE FIRST TIME THAT THE GRA When thoughtful Greeks 5678
THE FIRST TIME THAT THE G

## COPPERPLATE

81X PONTS
NO. ONE
THE FIRET TIME THAT THE GRAND PROSPECT MAD EEEN HELD FORTH TO THE WOR I2348

NO. TWO
THE FIRET TIME THAT THE GRAND PROSPECT HAD BEEN HELD FORTH 67890 NO. TERERE

THE FIRET TIME THAT THE GRAND PROSPECT HAD BEEN H 12345 NO. FOUR
THE FIRST TIME THAT THE GRAND PROSPECT 67890
TWELVE PONTT
HO. ONE
THE FIRST TIME THAT THE GRAND PR 12345
NO. TWO
THE FIRST TIME THAT THE GR 67890
WHITTIER
TWETVE PODTS
NO. TERES
THE FIRST TIME THAT 12345
NO. FOUR
THE FIRST TIME T 6789
mgarteen pont
NO. ONE
THE FIRST TIM 1234
NO. TWO


BLACK GOTHIC
SIX POINT
When thoughttul Greeks like Polyblus saw the fall of Carthage and of Corin 67890

## IINING GOTEIC CONDENSED

six point


EIGET PONT


TEN PONT
THE FIRST TIME THAT TIE GAALD PROSFECT ALD BEEN BELD FORTI B7930

TWELVE PONT
the first time that the gravi prospect had been 12345

FOURTEEN PONT
THE FIRST TIME THAT THE GRANO PROSPECT HA 6789

TGETEAT POINT
THE FIIST TIME THAT THE GRAND PROS 1234

TWRATIT-FOUR POINT
THE FRIST TIME THAT THE GR 5678

TY:1RT PORTI
THE FIRST TIME THAT T 9012 THE FIRST TIME TH 3456 THE FIRST TIME 789

## LINING GOTHIC CONDENSED

forty-eiget point

## THE FIIRST TI 123

## THE FIRST 145

seventy-two point

## THE FIRST 6

## mONARCH

SDCTY PONT


# INTERCHANGEABLE GOTEIC <br> six ponst <br> No. ONE 

THE FINET TIME TMAT THE GRAND PROBPEET HAD BEEN NELO FOWTM TO THE WONLS seens

NO. TWO
THE FIRET TIME THAT THE ARAND PROSPECT HAD EEEN HELD FONTH TO THE ©TEOO
20. THREE

THE FIRET TIME THAT THE GRAND PROSPECT HAD BEEN HELD 12348
so. pous
THE FIRST TIME THAT THE GRAND PROSPECT HAD BE 67600

No. Hive
THE FIRST TIME THAT THE GRAND PROSPE 12346
mant ponst
THE FIRST TIME THAT THE GRAND P 67890
ten point
THE FIRST TIME THAT THE GR 1234

TWELVE PODTT
THE FIRST TIME THAT 567
eigetemen ponst
THE FIRST TIM 89

TWENTY-FOUR PODNT
THE


## SLOPING GOTHIC

SIX PODNT
When thoughtful Oresks llke Polyblus saw the fall of Carthage and of Cor 12345 When thoughtful gaeens like polybius saw the fall of carthage and of corim the first time that the erand prospect had been held forth to the
engit ponst
When thoughtful Gresks like Polybius saw the fall of Cartha 67890 When thovemtful Greeks like Polybius saw the fall of Carthaee the first time that the grand probpect had been held
ten Ponr
When thoughtful Greeks like Polybius saw the fall 12345 When thouahtful greeks like Polybius saw the 67890 the first time that the grand prospect had twelve ponst
When thoughtful Greeks like Polybius sa 12345 When thoughtful Greeks saw the fall 12345 THE FIRST TIME THAT THE GRAND PROSPECT

## ADVERTISING FIGURES

hagtenen point mo. one

## 1 <br> 23 <br> 4 5 6 7 8 <br> 90

FoETIENAT PODIT NO. TWO
1
2
3
4
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6
7
8
1
0
therty ponit
1234567890

## LITHO ROMAN <br> STX PODNT

When thouthtful Greoke like Polybine eaw the fall of Cart 12345 THE PIRST TIME THAT THE GRAND PROSPEGT HAD BEE

## ciget ponst

When thoughtful Greeks like Polybine naw the 67890 THE FIRST TIME THAT THE GRAND PROSPEGT

TEN POLAT
When thoughtful Greeks like Polyb 12345 THE FIRST TIME THAT THE GRAND

TWELVE PONTI
When thoughtful Greeks like P 67890 THE FIRST TIME THAT THE GR
gOURTEEN POINT
When thoughtful Greeks 11234 THE FIRST TIME THAT TH
eigrteen ponst
When thoughtful G 5678

TWENTY-FOUR PONT
When though 9012 THE FIRST TIME

## TITLE

NWE PONT
THE FIRST TIME THAT THE GRAND PR 12345 eleven point
THE FIRST TIME THAT THE G 67890
TWIELVE POLTS
THE FIRST TIME THAT TH 1234
FOURTEAN PONTE
THE FIRST TIME THA 5678 sEXTELN PONT
THE FIRST TIME TH 901 EGETEEN PONT
THE FIRST TIME T 235
TWHENTY PODNT
THE FIRST TIME 567
TWENTY-TWO PONNT
THE FIRST TIM 890
TWEATY-FOUR POLST
THE FIRST TI 123
CONDENSED TITLE
EGGET PONT
When thoughtful Greeks like Polybius saw the fall of C 1908 THE FIRST TIME THAT THE GRAND PROSPECT HAD B

TEN PONT
THE FIRST TIME THAT THE GRAND PR 1908

DE VINNE
six podit
Whem thomghtiful Oroeks Ilke Polyblus saw the fall of Carthage and - 2334. THE PIRST TIME THAT THB ORAND PROSPBCT HAD BEEN HELD PO

Howt PODNT
When thoughtful Oreeks like Polyblus saw the fall of 67890 THE FIRST TIME THAT THE ORAND PROSPECT HAD B
tIN Point
When thoughtful Greeks like Polybius saw the 12345 THE FIRST TIME THAT THE GRAND PROSPECT

TWELVE PONT
When thoughtful Greeks like Polyb 67890 THE FIRST TIME THAT THE GRAND
higiticen ponst

## When thoughtful Greek 1234 THE FIRST TIME THAT T

TWENTY-ROUR PONTS

## When thoughtful 567 THE FIRST TIME T

 thirty point
## When though 890 THE FIRST TIM

DE VINTEE
TEMETY-GIX PONT

# When thou 12 THE FIRST S 

FORTY-TWO PODTI


8EXTY POINT


## DE VINNE

EEVATIY-TWO POLAT

gEvanIT-TWO POLST A


## DE VINTEE

MDIETY-SIX PODAT


ONE-EUNDRED-AND-TWENTY PONTT


## DE VINNE CONDENSED

SEVENTY-TWO POLNT


NINETY-SIX PODTT


ONE-EUNDRED-AND-TWENTY PONT



JENSON OLD STYLE ITALIC


## six pont

When thoughtful Greeks like Polybius savo the fall of Carth 12315 THE FIRST TIME THAT THE GRAND PROSPECT HAD BEEN mine ponst
When thoughtful Greeks like Polybius saw th 67890 THE FIRST TIME THAT THE GRAND PROSPE

OLD STYLE ANTIQUE
martems ponst
When thoughtful Greeks 3467 THE FIRST TIME THAT T

## SCOTCH ROMAN

EIGITEEN PODT
When thoughtful Greeks 1234 THE FIRST TIME THAT

TWESTY-TOUR PODST

## When thoughtful 5678 THE FIRST TIME T

THETY PODTT

## When thought 901 THE FIRST TIM

THERTY-SIX POMTY

## When thou 456 THE FIRST T

## SCOTCH ROMAN

forty-Eigit ponst


BIXTY PONTT


# LIGHT-FACE GOTEIC 

81X FOINT
When thoughtful Greeks like Polybiue saw the fall of Carthage and of Corinth, they 12345 THE FIRST TIME THAT THE GRAND PROSPECT HAD BEEN HELD FORTH TO

Egert ponst
When thoughtful Greeks like Polybius saw the fall of Carthage 67890 THE FIRST TIME THAT THE GRAND PROSPECT HAD BEEN HE

תIX FOITI COMBINATION GOTEIC NO. ONE EUNDED AND SEXTY-TERES THE FIRST TIME THAT THE GRAND PROSPECT HAD BEEN HELD FORTH TO THE WORLD 12345

GOTETC COIDEIST:
EXX PONT
When thoughtful Greeks Ilke Polyblus saw the fall oi Carthage and of Corinth, th 12345 THE FIRST TIME THAT THE GRAND PROSPECI HAD BEEN HELD FORTH TO TH

EGGET FODTE
When thoughtful Greeks like Polybius saw the fall of Carthag 67890 THE FIRST TIME THAT THE GRAND PROSPECT HAD BEEN HE

## IRA POLAT

When thoughtful Greeks like Polybius saw the fall 12345 the first time that the grand prospect had
When thoughtful Greeks ranre like Polybius sa 6789 THE FIRST TIME THAT THE GRAND PROSPE
mGitrien ponit
When thoughtfiul Greeks like P 1234 THE FIRST TIME THAT THE GRA TWENTTY-TWO PODNT When thoughtful Greeks 5678
THE FIRST TIME THAT THE G momogle

## COPPERPLATE

six ponst
NO. ONE
TNE FINET TIME THAT THE GRAND PROSPECT MAD DEEN HELD FORTH TO THE WOR 12348

NO. TWO
THE FIRET TIME THAT THE GRAND PROSPECT HAD BEEN HELD FORTH 67890

NO. TERET
THE FIRST TIME THAT THE GRAND PROSPECT HAD BEEN H 12345
no. rour
THE FIRST TIME THAT THE GRAND PROSPECT 67890
tWELVE POINT
no. one
THE FIRST TIME THAT THE GRAND PR 12345
No. Two
THE FIRST TIME THAT THE GR 67890

WHITTIER
tweive ponst
No. TBREE
THE FIRST TIME THAT 12345
so. rous
THE FIRST TIME T 6789
higetren ponst
NO. ONE
THE FIRST TIM 1234

six ponirt
When thoughttul Breeks like Polyblus saw the fall of Carthage and of Corin 67890

## LINING GOTHIC CONDENSED

8IX PODTI


HGET PONT
THE FIAST TIME TMAT TME gAMD PBOSPECT MAD EEEN MELD FORTM TO THE WOR 12845

TEN POINT
THE FIRST TIME THAT THE GRALI PROSPECT HAD BEEN HELD FORTH 87890

TWHEVE POINT
THE FIRST TIME THAT THE GRAND PROSPECT HAD BEEN 12345
THE FIRST TIME THAT THE GRAND PROSPEGT HA 6789

EGGETEEN PONTI
THE FIRST TIME THAT THE GRAND PROS 1234

TWENTY-TOUR PONT
THE FIRST TIME THAT THE GR 5678

THIRTY-SIX POINT
THE FIRST TIME TH 3456

TORTY-TWO POLNT
THE FRIST TIME 789

LINING GOTHIC CONDENSED
TORTY-EIGET PONTT

## THE FIISST TI 123

## SIDCTY PONNT



EEVENTY-TWO POLNT


## MONARCH

## sEXTY PODNT



## IITTERCEATIGEABLE GOTEIC <br> 515 PODIT

25O. ONE

280. TWO

THE MAET TIME THAT TME ARAND PNOSPECT NAB DEEN MELO PONTH TO TNE ETEO
20. Tinte

THE MABT TME THAT TME RRAND PROSPECT NAD DEEN MELD IEQMS

NO. TOUE
THE PRST TIME THAT THE RRANDPROSPEET HADEE $37{ }^{\circ}$
250. IIVE

THE FIRST TIME THAT THE GRAND PROSPE 12346
motr Ponst
THE FIRST TIME THAT THE GRAND P 67890

TEA PODST
THE FIRST TIME THAT THE GR 1234

TWHIVE PONT
THE FIRST TIME THAT 567
maimen Ponst
THE FIRST TIM 89

TWEATY-ROUR POMT
THE FIRST 3

## SLOPING GOTHIC

six ponst
When thoughtful Breeks like Polyblus asw the fall of Carthage and of Cor 12846 When thouehtful baeeks like polybius saw the fall of Cartmage and of corim the first time that the gramd prospect had been helo forth to the
shart ponst
When thoughtful Gresks like Polybius saw the fall of Cartha 67890 When thouehtful Greeks like Polybius saw the fall of Carthaee THE FIR8T TIME THAT THE GRAND PRO8PECT HAD BEEN HELD
ting ponst
When thoughtful Greeks like Polybius saw the fall 12845 When thoughtful Greeks like Polybius saw the 67890 the first time that the grand prospect had

TWELVE PONTT
When thoughtful Greeks like Polybius sa 12345 When thouahtful greeks saw the fall 12345 THE FIRST TIME THAT THE GRAND PROSPECT

## ADVERTISING FIGURES

yighteen ponit no. ons

## 12 <br> 3 <br> 4 567 <br> 8 9 <br> 

EGGETMEN POINT NO. TWO

## 12 <br> 3 <br> 4 <br> 5 <br> 6 <br>  <br> 8 <br>  <br> 0

TEIRTX PONTS

## 1 <br> 2 <br> 3 <br> 4 <br> 5 <br> 6 <br> 7 <br> 8 <br> 90

LITHO ROMANT
sIX PODNT
Whom thomethal Grooke like Polybine eaw the fall of Cart 12345 THE PIRST TIME THAT THE GRAND PROSPECT HAD BEE
mgert ponst
When thoughtful Greeke like Polybine an the 67890 THE FIRST TIME THAT THE GRAND PROSPECT
ten pont
When thoughtful Greeks like Polyb 12345 THE FIRST TIME THAT THE GRAND

TWELVE PONT
When thoughtful Greeks like P 67890 THE FIRST TIME THAT THE GR

FOURTEEN PODT
When thoughtful Greeks 11234 THE FIRST TIME THAT TH

## SGETEEN POLNT

## When thoughtful G 5678 THE FIRST TIME THA

## TWENTY-IOUR POINT

## When though 9012 THE FIRST TIME

## TITLE

MWE FOLT
THE FIRST TIME THAT THE GRAND PR 12345 THE FIRST TIME THAT THE G 67890 twELVE PONT
THE FIRST TIME THAT TH 1234
gourtizn pongt
THE FIRST TIME THA 5678 stetann point
THE FIRST TIME TH 901
nigitems ponst
THE FIRST TIME T 235
twenty point
THE FIRST TIME 567
tWENTY-TWO ponst
THE FIRST TIM 890
twanty-rour pontr
THE FIRST TI 123
CONDENSED TITLE
mart ponst
When thoughtful Greeks like Polybius saw the fall of C 1908 THE FIRST TIME THAT THE GRAND PROSPECT HAD B
ten ponst
THE FIRST TIME THAT THE GRAND PR 1908

## REMINTGTON TYPEWRITER

TWELVE PONTS
When thoughtful Greeks like Polybius saw the fall of Carthage and of Corinth, they must have felt that they had reached one of the great turning-points in the world's history. There was no longer any 12345 THE FIRST TIME THAT THE GRAND PROSP

NEW MODEL REMTINGTON TYPEWRITER twavis pont

When thoughtful Greeks like Polybius saw the fall of Carthage and of Corinth, they must have felt that they had reached one of the great turning-points in the world's history. There was no longer 67890 THE FIRST TIME THAT THE GRAND PROS

## new model elite remivgton typewriter

ten point
When thoughtful Greeks like Polybius saw the fall of Carthage and of Corinth, they must have felt that they had reached one of the great turning-points in the world's history. There was no longer any doubt that all the civilized nations 12345 THE FIRST TIME THAT THE GRAND PROSPECT HAD

## MAC FARLAND

TEN PODTI

# When thoughtful Greeks like Polybius saw the 67890 THE FIRST TIME THAT THE GRAND PROSPE <br> When thoughtful Greeks like Polybius saw $t 12345$ THE FIRST TIME THAT THE GRAND PROSPEC <br> FOURTEEN PODTY <br> <br> THE FIRST TIME THAT THE 1234 

 <br> <br> THE FIRST TIME THAT THE 1234}

## paUl revere

EIGET PONTT
When thoughtful Greeks like Polybius saw the fall of Carth 67890 THE FIRST TIME THAT THE GRAND PROSPECT HAD BEE When thoughtful Greeks like Polybius saw the fall of 123456 THE FIRST TIME THAT THE GRAND PROSPECT HAD BE

NINS PODNT
When thoughtful Greeks like Polybius saw the fall of 12345 THE FIRST TIME THAT THE GRAND PROSPECT HAD

TEN PODNT
When thoughtful Greeks like Polybius saw the fa 67890 THE FIRST TIME THAT THE GRAND PROSPECT

# WEDDING TET 

## －0．MI



以上T NOT

578 poors


MnETE NOT




以－12．0 NOMT
ma． 0 en
Baliten thoughtul Greaks like flolghius 6789

ENME Nour
120．Inco
7allien thaughtful（Greecks like fanly 0123

InITI－NOUR MOME
50．OxE


10．ITO


## CEAOCER TEXT

TOURTER PODFT


EIGIEEN PODT


2WETET-TOUR FOENT

## Cedbr thoughtitul Grreflay 12345

2HIRTY FODT

## Cllben thoughtful $\mathfrak{G} \mathbf{6 7 8 9}$

TEIRTY-8IX PODTT

## Callorn <br> 

FORTY-EIGET PONTT

## Cullbra <br> 

## ENGRAVER'S OLD ENGLISH

six pontr

EGEIT PODT


TAN FOLTS


TWHLVE PODT
 pogrizan pont

EIGRTEEN PONT
 TWEATY-FOUR PONTT
喟hen thmunhtiul (bre gile minn



FORTY-EIGET PODAT


## BRADLEY TEXT

TEN PONT

## TWben thoughtrul Greths lilice Polybins sawd the Pall of 12345

## TWELVE FOLNT <br> When thonghtiul Greeks like Polybins saw th 12345

## RCATEAN PODTS <br> Cuben tbougbtiul Greeks like Pol 1234

TWEATY-FOUR POHAT
When thoughtiful Greek 5678

TUDOR BLACK
8IX PONTT
vaben tbougbttial crechs like Dolgbtus saw tbe tall of Cartbage and of cor 12345
RCGT PONTT
wuben tbougbttul Greeks Itke Dolqbins saw the tall 67890
tin ponst
waben tbougbttul Greeks like Dolybins 12345
TWETVE PODNT
raben tbougbtful Greeks like Doly 67890 vaben thoughtful Greeks 1234

тmant pour raben thoughtful $\mathfrak{G} 5678$
thirty-six point
Caben thou 9012

## PRIORY TEXT

eigert pont


TEN POINT
When thougbtful ©rects Itite Bolphius sam the fall of 67890

TWELVE PONT
When thougbtful ©reeks like Bolvhius gam th 12345
fourteen ponst
When thoughtful dreetas like pooly 6789
migiteen ponst

TWENTY-FOUR PONT
When thoughtful $\mathfrak{G r e e} 5678$
teirty point
Whot thoughtful 9012

## 2:IETY-SDK POnts <br> Zhen thout 3456

8IX PONNT BLACE NO. THIRTEEN
©

TWELVE PONT MNGLISA
vatiben thougbtful areeks like folphius sam

## TIFFANY SCRIPT

FOURTEEN PONS


ELGETEN FONT
When thoughtful Greets the SPlybiurs saws tho 67890

TWENTY-FOUR POINT
When thoughtful Greets like $\mathscr{P}$ d 12345

THIRTY POINT
When thoughtful Greeks like 67890

## TIFFANY UPRIGHT



TWELVE POINT
Then thoughtful Breeks like Polybius saw the fall of Carthage 12345

FOURTEEN FONT
TM hen thoughtful Greets the Polybius save the fall of C 67890

EIGHTEEN POINT
*When thoughtful Greeks like Polybius saw 1234

INTERCHANGEABLE GOTEIC<br>SIX POINT<br>NO. ONE



NO. TWO
THE FIRET TIME THAT THE GRAND PROSPECT HAD EEEN HELD FORTH TO THE ETEs0

NO. TARER
THE FIRET TIME THAT THE GRAND PROSPECT HAD EEEN HELD 12348
so. FOUR
THE FIRST TIME THAT THE GRAND PROSPECT HAD BE 87800
sio. FIVE
THE FIRST TIME THAT THE GRAND PROSPE 12346

EIGHT PONT
THE FIRST TIME THAT THE GRAND P 67890

TEN PODTT
THE FIRST TIME THAT THE GR 1234

TWELVE PONTT
THE FIRST TIME THAT 567

EIGRTEEN PONT
THE FIRST TIM 89

TWENTY-FOUR PONNT
THE


## SLOPING GOTEIC

sIX POnTr
When thoughtful Oreshs llke Polybius saw the fall of Carthage and of Cor 12845 When thouehtful greeks like polybius saw the fall of Carthace and of Corin THE FIR8T TIME THAT THE ERAMD PROSPECT HAD BEEN HELD FORTH TO THE

HGETT POMTI
When thoughtful Greeks like Polybius saw the fall of Cartha 67890 When thouehtful Greers lire Polybius baw the fall of Carthaee the first time that the orand probpect had been held

TAN POBNT
When thoughtful Greeks like Polybius saw the fall 12845 When thoughtful Greeks like Polybius saw the 67890 the first time that the grand prospect had TWHETE PODST
When thoughtful Greeks like Polybius sa 12345 When thoughtful Greeks saw the fall 12345 THE FIRST TIME THAT THE GRAND PROSPECT

## ADVERTISING FIGURES

EGGETEEN PONNT NO. ONT

## 1234567890

EEGETTEEN PONTI NO. TWO
12
3
4
5
6
7
8

0
thaty ponit

## 1234567890

## LINING GOTEIC CONDENSED

sIX POINT


EIGHT PONT


TEN PONT
THE FIRST TIME THAT THE GRAND PROSPECT HAD BEEN HELD FORTH $\mathbf{8 7 8 3 0}$

TWELVE PONT
THE FIRST TIME THAT THE GRAND PROSPECT HAD BEEN 12345
THE FIRST TIME THAT THE GRAND PROSPEGT HA 6789
THE FIRST TIME THAT THE GRAND PROS 1234

TWENTY-FOUR PONAT
THE FRIST TIME THAT THE GR 5678 THE FIRST TIME THAT T 9012 THE FIRST TIME TH 3456 TORTY-TWO PONT THE FIRST TIME 789

## LINING GOTHIC CONDENSED

PORTY-EIGET PONT

## THE <br>  <br> 80CIY PONTT <br> 

SEVENTY-TWO POLTT

## THE FIRST 6

## MONARCH

sEXTY FOnsT


## LITHO ROMAN

SIX PODNT
Whom thouthtfal Groeke like Polybive eaw the fall of Cart 12345 THE FIRET TIME THAT THE GRAND PROSPECT HAD BEE
higet pont
When thoughtful Greeke like Polybine naw the 67890 THE FIRST TIME THAT THE GRAND PROSPECT
tEN PONTS
When thoughtful Greeks like Polyb 12345 THE FIRST TIME THAT THE GRAND

TWIETE PODT
When thoughtful Greeks like $\mathbf{P} 67890$ THE FIRST TIME THAT THE GR

TOURTEEN PONT

## When thoughtful Greeks 11234 THE FIRST TIME THAT TH

EIGETEEN PONNT
When thoughtful G 5678
THE FIRST TIME THA

TWENTY-YOUR POINT
When though 9012 THE FIRST TIME

## TITLE

NHET FONTI
THE FIRST TIME THAT THE GRAND PR 12345

## eleven point <br> THE FIRST TIME THAT THE G 67890

twelve ponst
THE FIRST TIME THAT TH 1234
rourticn pongt
THE FIRST TIME THA 5678 sdxtien pona
THE FIRST TIME TH 901
elgitien ponst
THE FIRST TIME T 235 THE FIRST TIME 567 twenty-two ponit THE FIRST TIM 890 twenty-rour pongr
THE FIRST TI 123

CONDENSED TITLE
eigert potint
When thoughtful Greeks like Polybius saw the fall of C 1908 THE FIRST TIME THAT THE GRAND PROSPECT HAD B
ten point
THE FIRST TIME THAT THE GRAND PR 1908

## REMINGTON TYPEWRITER

TWELVE RODTS
When thoughtful Greeks like Polybius saw the fall of Carthage and of Corinth, they must have felt that they had reached one of the great turning-points in the world's history. There was no longer any 12345 THE FIRST TIME THAT THE GRAND PROSP

## NEW MODEL REMTINGTON TYPEWRITER

## TWELVE FOMT

When thoughtful Greeks like Polybius saw the fall of Carthage and of Corinth, they must have felt that they had reached one of the great turning-points in the world's history. There was no longer 67890 THE FIRST TIME THAT THE GRAND PROS

## NEW MODEL ELITE REMTNGTON TYPEWRITER

## tin point

When thoughtful Greeks like Polybius saw the fall of Carthage and of Corinth, they must have felt that they had reached one of the great turning-points in the world's history. There was no longer any doubt that all the civilized nations 12345 THE FIRST TIME THAT THE GRAND PROSPECT HAD

## MAC FARLAND

TEN PODIT

## When thoughtful Greeks like Polybius saw the 67890 THE FIRST TIME THAT THE GRAND PROSPE When thoughtful Greeks like Polybius saw t 12345 THE FIRST TIME THAT THE GRAND PROSPEC

TOURTEEN PODTY

## THE FIRST TIME THAT THE 1234

PAUL REVERE

EIGET POATT
When thoughtful Greeks like Polybius saw the fall of Carth 67890 THE FIRST TIME THAT THE GRAND PROSPECT HAD BEE When thoughtful Greeks like Polybius saw the fall of 123456 THE FIRST TIME THAT THE GRAND PROSPECT HAD BE

NINE PONTT
When thoughtful Greeks like Polybius saw the fall of 12345 THE FIRST TIME THAT THE GRAND PROSPECT HAD

TEN PODNT
When thoughtful Greeks like Polybius saw the fa 67890 THE FIRST TIME THAT THE GRAND PROSPECT

## WEDDING TEXT

sIX PODT


EIGET PODT


TEX PODTT


TWELVE PONT


TOURTEEN PODT


NO. ONE


EIGETEEM FODT
NO. TWO


TWENTY-FOUR FODT
NO. ONE
ג㽗her thaughtiful (breeks like 4567

TWENTY-TOUR FODAT
NO. TWO
相hen thmughtiful (breeks lik gion

## CHADCER TEXT

TOURTEEN PODT


EOTIETM RONT


SWETIT-FOUS FODTS
Celben thoughtal Crreflas 12345

ETHIT FONAT

## Cubrn thountiful © 6789

YZIRTY-BIX PODT

## Cullom <br> 

TORTY-ETGET RONT

## Cullbra <br> though <br> 

## ENGRAVER＇S OLD ENGLISH

8IX PODT

EGET PODT


TEN PONT

TWELVE Pontr
 TOURTEEN PODNT
 ETGETEEN PONT
 TWEATYY－FOUR PONTT喟horn thmughtifl（bre gill THRRTY PONTT


# －喟hen thmug 78010 <br> 㙟hyn <br> ORTY－EACIT PODVI thit <br>  

## BRADLEY TEXT

TEA PODNT
Whem thowgittill Greetrs ilike Polypins saw the Pall of 12345
TWELVE POLNT
Whien thoughtiul areeks like Polybins saw th 12345
EGGITEEN PONT
ZUben thougbifiul Greeks like Pol 1234

## TWERTY-FOUR PONTS <br> TWhen thoughtitul Greek 5678

TUDOR BLACK
sIX PODTI
Uaben tboagbttul Creehs tille polgbius saw tbe fall of cartbage and of Cor 12345
ergat ponts
wuben tbougbttul Greeks like Dolgbius gaw tbe tall 67890
TEM PODTT
waben tbougbttul Greeks like Dolybius 12345
TWELVE PONT
raben tbougbtful Greeks like Doly 67890

## ETGETEEN PONT <br> waben thoughtful Greeks 1234

TWENTY PODNT
raben thoughtful $\mathfrak{G} 5678$

Waben thou 9012

## PRIORY TEXT

Elgat pont
When tbougbeful Gcrent lihe Polybiug same the fall of Cacthage $\mathbf{1 2 3 4 5}$

TEN PONT
Wimen thourbtful efreets lite Molphims sam the fall of 67890

TWELVE PONT
When thoughtful ©reeks like joolphius sam th 12345

TOURTEEN PONT
When tboughtful drteeta like pooly 6789

FGETEEN PONTT
\# ben thoughtful orceks lik 1234
rumervorn pont
2mben thoughtful Gree 5678
Whe thoughtul 9012

## when thoug 3456




## TIPFANY SCRIPT

HOURTEEN FONT


EMGTTEA PONT
Whon thoughiflel Greeks libe Polybiuss save tho 67890

## TWLATY-TOUR POLT

When thoughtul Coreeks like $\operatorname{Pol} 12345$
thirty ponst
When thoughtful Greeks like 67890

## TIFFANY UPRIGET



TWEIVE POINT
TOhen thoughtup Sneeks hike Polytives saw the fall of Cauthage 12345

TOURTEEN PONT
OBen thoughtul Eneeks tike Polybius save the fall of C 67890
gigetien ponnt
TOhen thoughtful Greeks like Solybius saw 1234

TIFFANY UPRIGET
twenty-rous point
When thoughtful ©reeks like Polyk 5678

$$
\begin{aligned}
& \text { TWENTY-FOUR PONNT } \\
& \text { NO. TWO }
\end{aligned}
$$

When thoughtful ©reeks like $\mathscr{P} 9012$
thirty point
When thoughtful Greeks l 3456
$\qquad$
TIPFANY SHADED
TOURTEEN POINT
TOhen thoughturl Sreeks thke Palybius saw the fall of 12345 EIGETEEN POINT
When thoughtful Greeks like Palybius a 67890

$$
\begin{gathered}
\text { TWENTY-FOUR POINT } \\
\text { NO. ONE }
\end{gathered}
$$

Ohen thoughtful Greeks like Polyk 67890

$$
\begin{aligned}
& \text { TWENTY-FOUR POINT } \\
& \text { NO. TWO }
\end{aligned}
$$

When thoughtful Sreeks like $\mathcal{P}_{12345}$

## INITIALS

FORTY-EIGHT POINT BURFORD


## INITIALS

## sEVmATY-TWO PONT BURPORD



## IIIITIALS

## EEVENTY-TWO FONTT BURPOND



FORTY-ETGET POINT DELLA ROBBIA


## INITIALS

FORTY-EIGET FONT DELLA ROBBLA


SEVENTY-TWO POINT DELLA ROBBIA


## INITIALS

SEVENTY-TWO POINT DELLA ROBBIA


## INITIALS

## SEVENTY-TWO POINT DELLA ROBBIA



SIXTY POINT ROYCROFT


## INITIALS

8IXTY PONNT ROYCROTT


## INITIALS

## THIRTY POINT JENSON




1

MISCELLANEOUS


2


3

## INITIALS

miscellaneous



7


9


8


## II6 THE UNIVERSITY OF CHICAGO PRESS

## INITIALS

MISCELLANEOUS


11


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18


16


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19

## INITIALS

MISCELLANEOUS


20


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## II8 THE UNIVERSITY OF CHICAGO PRESS

## THE UNIVERSITY OF CHICAGO COAT-OF-ARMS



## BRASS CIRCLES



ORNAMENTS


6


11


## ORNAMENTS



28



ORNAMENTS


31



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## ORNAMENTS





46


## ORNAMENTS




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## ORNAMENTS



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128


127


126


125

## ORNAMENTS



138

141


## ORNAMENTS



## 128 THE UNIVERSITY OF CHICAGO PRESS



ORNAMENTS



## ORNAMENTS




194


ORNAMENTS


196


197


199


## BORDRRS

SIX PONT
21O. ONE
4 <ncele
80. TWO

NnN1,
NO. TARE

NO. FOUR
20. TIVE

NO. TIVE A

21O. TIVE B

NO. TIVE $C$

NO. TIVE D

EIGET PONTT
NO. SIX

NO. SIX A

TEN PONNT
NO. SEVEN


NO. NINE


NO. TEN
ANrmerminv rums
NO. ELEVEN
4


## BORDERS

## THIRTY PONT

NO. TWENTY-ONE


THIRTY-SDX POINT
NO. TWENTY-TWO


NO. TWENTY-THREE


NO. TWENTY-FOUR A


FORTX-EIGET POINT
NO. TWENTY-PIVE



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[^0]:    ${ }^{1}$ Spencer, Principles of Sociology, chap. iv
    2 Ibid.

    3 Ibid., chap. v.
    4 Spencer, loc. cit.

