

Lesson 14

Roman Numerals, Fractions, Decimals, Mathematical Signs of Operation, Superscripts and Subscripts, Clock Time, Sports Scores and Votes, Slash between Numbers, Electronic Addresses

14.1 Roman Numerals [VII.30]

14.1a In general. Use the braille letters, just as in print, when transcribing roman numerals. If roman numerals are printed in capital letters, in braille those consisting of a single letter are preceded by a single capital sign, and those consisting of more than one letter are preceded by the double capital sign. If roman numerals are printed in lowercase letters, a single letter sign is placed before the corresponding braille letter or letters. Examples:

V	XL	x	iii
⠠⠠⠠⠠⠠	⠠⠠⠠⠠⠠⠠	⠠⠠⠠	⠠⠠⠠⠠⠠

• Note: For roman numerals representing the number 500 and higher, see *EBAE* VII.30.c.

14.1b With hyphen, dash, or colon. When roman numerals are separated by a hyphen, dash, or colon, the appropriate capital sign, double capital sign, or letter sign is repeated after the punctuation. For readability, these units should not be divided between braille lines. Examples:

VI-X	vi-x	V—X	v:x
⠠⠠⠠⠠⠠⠠⠠⠠	⠠⠠⠠⠠⠠⠠⠠⠠	⠠⠠⠠⠠⠠⠠⠠⠠	⠠⠠⠠⠠⠠⠠⠠

14.1c In reference numbers. Follow print when roman numerals are used in references to outlines, page numbers, or full citations. Examples:

pages ix - xii	⠠⠠⠠⠠⠠⠠⠠⠠⠠⠠⠠⠠
see §VII	⠠⠠⠠⠠⠠⠠⠠⠠⠠⠠⠠

• Note: For reference numbers containing roman numerals see §17.4.

14.1d When followed by letters or ordinal endings. When roman numerals are followed by a letter or letters, including ordinal endings, the letter sign precedes these additions. Do not divide these units between braille lines. Examples:

XXVa	xxA	VI.A
⠠⠠⠠⠠⠠⠠⠠⠠⠠⠠	⠠⠠⠠⠠⠠⠠⠠⠠	⠠⠠⠠⠠⠠⠠⠠⠠⠠

As with arabic numbers, contractions can be used in English ordinal endings only. [VII.30.b] Examples:

Prepare the following exercise for submission to the instructor.

LESSON 14

1. The high jump was won by Samuel Speed III, who cleared the bar at 6 ft., 10 $\frac{3}{4}$ in.— $\frac{1}{4}$ in. higher than the previous school record.
2. At 6 $\frac{1}{2}$ % interest his investment of \$3700.00 yielded a return of just \$240.50.
3. In 1952 the principal causes of accidents were: automobiles, 40%; at home, 22.5%; sports and recreation, 15.4%; pedestrians, 8.3%; travel, 6.6%.
4. In the late nineteenth century the American Experience Table of Mortality gave the life expectancy at age 10 as 48.72 years and at age 95 as .50 years.
5. We learned today that the ratio of the circumference of a circle to the radius is expressed $C = 2 \times R \times 3.1416$ (or $3 \frac{1}{7}$).
6. For many years a minute of silent prayer was observed each November 11, 11:00–11:01 a.m., to commemorate the signing of the armistice ending World War I.
7. Friday, 2-4 p.m., will be devoted to interviewing applicants for the new position.
8. The banquet will begin promptly at 6:30 p.m.
9. The missile took off from the launching pad at exactly 6:00:15 a.m.
10. With $\frac{2}{3}$ of the precincts already reported, the Governor leads his nearest competitor 189,769–160,323, though he had been given less than a 50-50 chance of winning by the pollsters.
11. After 15 innings the two teams were still deadlocked 3–3.
12. The motor number of the stolen car is 030/692.
13. To-day ATandT stock closed at 36 $\frac{3}{4}$, up $\frac{5}{8}$.
14. Articles V-VII of the society's constitution deal with the powers and duties of the officers.
15. The title page at the beginning of every braille volume lists the number of braille pages contained in that volume—thus, Pages i-xix and 1-79.
16. Pope John XXIIIrd did much to promote the ecumenical movement.
17. King Louis XVth of France is supposed to have said, "After me, the deluge."
18. Many cities were demolished by the end of World War II—III will probably see the destruction of civilization.
19. Charles I (1600-1649) was beheaded by the Parliamentary faction in England.
20. The mysterious crate measured 6'H x 9'W x 2'D.
21. Move all of the little girls' dresses, sizes 4 $\frac{1}{2}$ -6, to the next rack.
22. Barber, please trim my hair $\frac{1}{4}$ - $\frac{1}{2}$ inch.
23. You need not worry; a person's temperature is normal when it falls in the 98.4 – 99.2 range.

24. Add a hydrogen ion to H_2O to get heavy water, D_2O .
25. More than $\frac{1}{3}$ of our staff will be on vacation from 6/14 to 7/1.
26. The e-mail address for NLS is `nls@loc.gov`.