

Worksheet

Roman Numerals

Question 1: Write the Hindu-Arabic numerals for each of the following:

- XXXVIII
- XIV
- XXIV

Question 2: Fill in the blanks using <, = or >:

- XXXIX = 39 ($10+10+10+9 = 39$)
- XVIII = 18 ($10+5+3 = 18$)

Question 3: At most, how many times can a symbol be repeated in Roman system?

Answer : A symbol is repeated three times but not more than that. However, the symbols V, L and D are never repeated. If a symbol of smaller value is written to the right of a symbol of greater value, its value gets added to the value of a greater symbol.

Question 4: Which symbol in Roman system can never be subtracted?

Answer : The symbols V, L and D are not written to the left of a symbol that has greater value. This means that V, L and D are never subtracted.

Question 5: Match the numerals of two columns which indicate the same number:

1. 11 (a) XXXIV
2. 23 (b) XXIII
3. 15 (c) III
4. 34 (d) XI
5. 3 (e) XXVII
6. 27 (f) XV

Answer :

1. 11 - (d) XI
2. 23 - (b) XXIII
3. 15 - (f) XV

4 34 - (a) XXXIV

5. 3 - (c) III

6. 27 - (e) XXVII

Question 6: Write each of the following in Roman numerals:

- 16 = 16 in Roman numerals is XVI.
- 29 = 29 in Roman numerals is XXIX.
- 26 = The roman numeral XXVI is 26.
- 35 = 35 In Roman numerals XXXV.
- 14 = 14 In Roman numerals XIV.

Question 7: Which of the following are meaningless

- XIX = The Roman numeral XIX is 19
- VX = VX is not correct according to the rules.
- XVV = 15,005 in Roman Numerals (XVV)

Question 8: Roman numeration system has no symbol for zero. Is this correct?

Answer : Yes, it is true, Roman numerals start to count from one and had no symbol to represent "0". This happens because the Romans did not need to have a zero in their additive system.

Question 9: Which is smaller 37 or XXXV?

Answer : XXXV = 35

So 35 is greater.

Question 10: XX = 10 + 10 = 20. In the same way can we write W = 5 + 5 = 10?

Answer : No, it will be incorrect because there are roman numerals allotted for different numbers. Hence it is incorrect.