

Answer the following:

1) Write the basic numerals for each of these.

a. $(7 \times 10,000) + (4 \times 1,000) + (6 \times 100) + (3 \times 10) + (2 \times 1)$

b. $(2 \times 10^5) + (8 \times 10^4) + (6 \times 10^3) + (4 \times 10^2) + (9 \times 10^1) + (7 \times 1)$

2) Write each of these in the expanded form, using index notation.

a. 8,278

c. 128,612

b. 88,114

d. 8,987,808

3) Using leading figure estimation to estimate the answer to each calculation.

a. $587 + 819$

c. $54 \times 8,375$

b. $21,000 - 5,000$

d. $815 \div 37$

4) Rewrite each of these statements using numerals and mathematical operations.

a. 8 lots of 8

b. 7 more than 88

c. 9 lots of 38

d. The difference between 18 and 8

5) Use inequality signs to show the meaning of:

a. 15 is less than or equal to 28

b. 11 is greater than or equal to 11

c. 9 is not less than 9

6) Copy and complete each expression, then evaluate.

a. $5 \times 7 + 3 \times 3 = 5 \times (_ + _)$

b. $12 \times 5 - 12 \times 3 = 12 \times (_ + _)$