

Name : _____

Score : _____

Scientific Notation

Example:

Write 3200 in scientific notation.

3 2 0 0

We should move the decimal point 3 places to the left. So, the exponent will be 3.

$$3,200 = 3.2 \times 10^3$$

Express each number in scientific notation.

1) 625 = _____

2) 4,216 = _____

3) 49,603 = _____

4) 25 = _____

5) 18,569 = _____

6) 836 = _____

7) 9,364 = _____

8) 34,121 = _____

9) 22 = _____

10) 912 = _____

11) 7,350 = _____

12) 4,874 = _____

13) 62,503 = _____

14) 13,058 = _____

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Scientific Notation

Example:

Write 324170 in scientific notation.

3² 4 1 7 0.

We should move the decimal point 5 places to the left. So, the exponent will be 5.

$$324,170 = 3.2417 \times 10^5$$

Express each number in scientific notation.

1) 2,343,600 = _____

2) 512,420,000 = _____

3) 4,600,000,000,000 = _____

4) 725,000,000 = _____

5) 120,000,000,000,000 = _____

6) 100,180,000,000 = _____

7) 81,000,000 = _____

8) 14,752,000,000 = _____

9) 29,540,000,000,000 = _____

10) 6,241,000,000 = _____