

Name : _____

Scientific Notation

Mixed: ES4

Example: 1

Write 1,048 in scientific notation.

1 0 4 8
↓ ↓ ↓

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

$$1,048 = 1.048 \times 10^3$$

Example: 2

Write 0.0213 in scientific notation.

0.0 2 1 3
↓ ↓

We should move the decimal point 2 places to the right. So, the exponent will be -2.

$$0.0213 = 2.13 \times 10^{-2}$$

Express each number in scientific notation

1) 0.1593 = _____

3) 689 = _____

5) 0.0044 = _____

7) 2.5635 = _____

9) 0.00078 = _____

11) 5,147 = _____

12) 0.00035 = _____

13) 0.03072 = _____

14) 19,873 = _____

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