

Name : _____

Scientific Notation

Mixed: ES1

Example: 1

Write 6,224 in scientific notation.

6,224

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

$$6,224 = 6.224 \times 10^3$$

Example: 2

Write 0.0087 in scientific notation.

0.0087

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

$$0.0087 = 8.7 \times 10^{-3}$$

Express each number in scientific notation.

1) 0.0259 = _____

3) 55,820 = _____

5) 0.00973 = _____

7) 856 = _____

9) 0.00072 = _____

10) 5,008 = _____

11) 1.216 = _____

12) 0.00145 = _____

13) 75,919 = _____

14) 0.12 = _____

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