

Name : _____

Scientific Notation

Mixed: ES5

Example: 1

Write 25,908 in scientific notation.

2 5 9 0 8

We should move the decimal point 4 places to the left. So, the exponent will be 4.

$$25,908 = 2.5908 \times 10^4$$

Example: 2

Write 0.0045 in scientific notation.

0 0 0 4 5

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

$$0.0045 = 4.5 \times 10^{-3}$$

Express each number in scientific notation

1) 7,981 = _____

3) 0.00062 = _____

5) 27 = _____

7) 15,466 = _____

9) 8.03 = _____

11) 0.0074 = _____

12) 26,881 = _____

13) 4,008 = _____

14) 0.06556 = _____

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