

Name : \_\_\_\_\_

## Scientific Notation

Mixed: ES3

### Example: 1

Write 63,215 in scientific notation.

6<sup>3</sup> 2 1 5

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

$$63,215 = 6.3215 \times 10^4$$

### Example: 2

Write 0.0019 in scientific notation.

0.0019

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

$$0.0019 = 1.9 \times 10^{-3}$$

Express each number in scientific notation

1) 52 = \_\_\_\_\_

3) 0.0034 = \_\_\_\_\_

5) 0.8031 = \_\_\_\_\_

7) 746 = \_\_\_\_\_

9) 0.9172 = \_\_\_\_\_

11) 54,001 = \_\_\_\_\_

12) 0.0585 = \_\_\_\_\_

13) 0.00068 = \_\_\_\_\_

14) 249 = \_\_\_\_\_

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