

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

## Scientific Notation

Mixed: ES1

### Example: 1

Write 6,224 in scientific notation.



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.



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 = \_\_\_\_\_

2) 902 = \_\_\_\_\_

3) 55,820 = \_\_\_\_\_

4) 0.315 = \_\_\_\_\_

5) 0.00973 = \_\_\_\_\_

6) 16 = \_\_\_\_\_

7) 856 = \_\_\_\_\_

8) 0.2058 = \_\_\_\_\_

9) 0.00072 = \_\_\_\_\_

10) 5,008 = \_\_\_\_\_

11) 1.216 = \_\_\_\_\_

12) 0.00145 = \_\_\_\_\_

13) 75,919 = \_\_\_\_\_

14) 0.12 = \_\_\_\_\_