

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

## Scientific Notation

Mixed: ES2

### Example: 1

Write 165 in scientific notation.

1 6 5  
↓ ↓

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

$$165 = 1.65 \times 10^2$$

### Example: 2

Write 0.0641 in scientific notation.

0.0 6 4 1  
↓ ↓

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

$$0.0641 = 6.41 \times 10^{-2}$$

Express each number in scientific notation

1) 360 = \_\_\_\_\_

3) 5.84 = \_\_\_\_\_

5) 1,073 = \_\_\_\_\_

7) 0.9861 = \_\_\_\_\_

9) 84,802 = \_\_\_\_\_

11) 0.075 = \_\_\_\_\_

12) 15 = \_\_\_\_\_

13) 977 = \_\_\_\_\_

14) 0.000026 = \_\_\_\_\_

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