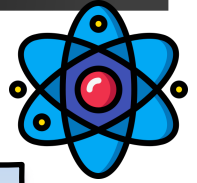


Name: \_\_\_\_\_



# SCIENTIFIC NOTATION

Examples

$$700 = 7 \times 10^2$$
$$3,240 = 3.24 \times 10^3$$
$$25,800 = 2.58 \times 10^5$$

**Directions:** Rewrite each of the following numbers using scientific notation.

1.) **900** = \_\_\_\_\_

2.) **4,000** = \_\_\_\_\_

3.) **200,000** = \_\_\_\_\_

4.) **85,400** = \_\_\_\_\_

5.) **30** = \_\_\_\_\_

6.) **50,000,000** = \_\_\_\_\_

7.) **50,000** = \_\_\_\_\_

8.) **990** = \_\_\_\_\_

9.) **2,350** = \_\_\_\_\_

10.) **8,380** = \_\_\_\_\_

11.) **70** = \_\_\_\_\_

12.) **80,000,000** = \_\_\_\_\_

13.) **33,000** = \_\_\_\_\_

14.) **75,100,000** = \_\_\_\_\_

15.) **600,000,000** = \_\_\_\_\_

16.) **8,430,000** = \_\_\_\_\_

## ANSWER KEY

- 1.)  $900 = 9 \times 10^2$
- 2.)  $4,000 = 4 \times 10^3$
- 3.)  $200,000 = 2 \times 10^5$
- 4.)  $85,400 = 8.54 \times 10^4$
- 5.)  $30 = 3 \times 10^1$
- 6.)  $50,000,000 = 5 \times 10^7$
- 7.)  $50,000 = 5 \times 10^4$
- 8.)  $990 = 9.9 \times 10^2$
- 9.)  $2,350 = 2.35 \times 10^3$
- 10.)  $8,380 = 8.38 \times 10^3$
- 11.)  $70 = 7 \times 10^1$
- 12.)  $80,000,000 = 8 \times 10^7$
- 13.)  $33,000 = 3.3 \times 10^4$
- 14.)  $75,100,000 = 7.51 \times 10^7$
- 15.)  $600,000,000 = 6 \times 10^8$
- 16.)  $8,430,000 = 8.43 \times 10^6$