

Name: _____



SCIENTIFIC NOTATION

Examples

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

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

- 1.) **7,950** = _____
- 2.) **50,200** = _____
- 3.) **760,000,000** = _____
- 4.) **9,920** = _____
- 5.) **40** = _____
- 6.) **609,000,000** = _____
- 7.) **88,300** = _____
- 8.) **33,800,000** = _____
- 9.) **64,900** = _____
- 10.) **180,100** = _____
- 11.) **976** = _____
- 12.) **60,400,000** = _____
- 13.) **290,000** = _____
- 14.) **109,000,000** = _____
- 15.) **100,900,000** = _____
- 16.) **7,025,000** = _____

ANSWER KEY

- 1.) $7,950 = 7.95 \times 10^3$
- 2.) $50,200 = 5.02 \times 10^4$
- 3.) $760,000,000 = 7.6 \times 10^8$
- 4.) $9,920 = 9.92 \times 10^3$
- 5.) $40 = 4 \times 10^1$
- 6.) $609,000,000 = 6.09 \times 10^8$
- 7.) $88,300 = 8.83 \times 10^4$
- 8.) $33,800,000 = 3.38 \times 10^7$
- 9.) $64,900 = 6.49 \times 10^4$
- 10.) $180,100 = 1.801 \times 10^5$
- 11.) $976 = 9.76 \times 10^2$
- 12.) $60,400,000 = 6.04 \times 10^7$
- 13.) $290,000 = 2.9 \times 10^5$
- 14.) $109,000,000 = 1.09 \times 10^8$
- 15.) $100,900,000 = 1.009 \times 10^8$
- 16.) $7,025,000 = 7.025 \times 10^6$