

**EXTRA PRACTICE      1.7 SCIENTIFIC NOTATION**

Write each amount in scientific notation.

1. 910.5  
\_\_\_\_\_

2. 0.00076  
\_\_\_\_\_

3. 320,000  
\_\_\_\_\_

4. 0.00000432  
\_\_\_\_\_

5. 75,488  
\_\_\_\_\_

6. 0.00007  
\_\_\_\_\_

7. 98,000,000  
\_\_\_\_\_

8. 0.000607  
\_\_\_\_\_

9. 435.886  
\_\_\_\_\_

10. Radio waves travel at 300,000,000 meters per second. \_\_\_\_\_

11. The population of India in 2025 is expected to exceed 1,400,000,000.  
\_\_\_\_\_

Write each amount in decimal notation.

12.  $1.23 \times 10^7$   
\_\_\_\_\_

13.  $6.09 \times 10^4$   
\_\_\_\_\_

14.  $4.81 \times 10^5$   
\_\_\_\_\_

15.  $2.2 \times 10^8$   
\_\_\_\_\_

16.  $9.1 \times 10^5$   
\_\_\_\_\_

17.  $8.04 \times 10^2$   
\_\_\_\_\_

18.  $2.3 \times 10^{-2}$   
\_\_\_\_\_

19.  $3.4 \times 10^{-4}$   
\_\_\_\_\_

20.  $5.7 \times 10^{25}$   
\_\_\_\_\_

21.  $7.7 \times 10^{-3}$   
\_\_\_\_\_

22.  $6.57 \times 10^{-6}$   
\_\_\_\_\_

23.  $9.80 \times 10^{-2}$   
\_\_\_\_\_

24. The movement of a glacier is approximately  $5 \times 10^{-4}$  kilometers per hour.  
\_\_\_\_\_25. A micron is a unit of measure  $1 \times 10^{-3}$  millimeters in length. \_\_\_\_\_