

# Lesson 6 Skills Practice

## Scientific Notation

Write each number in standard form.

1.  $6.7 \times 10^1$  **67**

2.  $6.1 \times 10^4$  **61,000**

3.  $1.6 \times 10^3$  **1,600**

4.  $3.46 \times 10^2$  **346**

5.  $2.91 \times 10^5$  **291,000**

6.  $8.651 \times 10^7$  **86,510,000**

7.  $3.35 \times 10^{-1}$  **0.335**

8.  $7.3 \times 10^{-6}$  **0.0000073**

9.  $1.49 \times 10^{-7}$  **0.000000149**

10.  $4.0027 \times 10^{-4}$  **0.00040027**

11.  $5.2277 \times 10^{-3}$  **0.0052277**

12.  $8.50284 \times 10^{-2}$  **0.0850284**

Write each number in scientific notation.

13. 34  **$3.4 \times 10^1$**

14. 273  **$2.73 \times 10^2$**

15. 79,700  **$7.97 \times 10^4$**

16. 6,590  **$6.59 \times 10^3$**

17. 4,733,800  **$4.7338 \times 10^6$**

18. 2,204,000,000  **$2.204 \times 10^9$**

19. 0.00916  **$9.16 \times 10^{-3}$**

20. 0.29  **$2.9 \times 10^{-1}$**

21. 0.00000571  **$5.71 \times 10^{-6}$**

22. 0.0008331  **$8.331 \times 10^{-4}$**

23. 0.0121  **$1.21 \times 10^{-2}$**

24. 0.00000018  **$1.8 \times 10^{-7}$**