

**1.2****Practice**

For use after Lesson 1.2

Write the product as a power.

1.  $5 \times 5 \times 5$

2.  $13 \times 13$

3.  $8 \cdot 8 \cdot 8 \cdot 8 \cdot 8 \cdot 8$

4.  $12 \cdot 12 \cdot 12 \cdot 12 \cdot 12$

5.  $10 \cdot 10 \cdot 10 \cdot 10$

6.  $17 \times 17 \times 17$

Find the value of the power.

7.  $4^4$

8.  $9^3$

9.  $24^2$

Determine whether the number is a perfect square.

10. 47

11. 16

12. 121

13. You complete 3 centimeters of a necklace in an hour. Each hour after the first, you triple the length of the necklace. Write an expression using exponents for the length of the necklace after 3 hours. Then find the length.