

LESSON **Practice B**
1-3 Exponents

Write each expression in exponential form.

1. $9 \cdot 9$

2. $7 \cdot 7 \cdot 7$

3. $1 \cdot 1 \cdot 1 \cdot 1 \cdot 1$

4. $5 \cdot 5 \cdot 5 \cdot 5$

5. $2 \cdot 2 \cdot 2 \cdot 2 \cdot 2 \cdot 2$

6. $10 \cdot 10 \cdot 10 \cdot 10$

Find each value.

7. 6^2

8. 5^3

9. 10^3

10. 7^2

11. 2^5

12. 3^4

13. 25^1

14. 16^0

Compare using $<$, $>$, or $=$.

15. 8^0 7^1

16. 10^2 11^2

17. 8^2 4^3

18. 3^4 5^2

19. 2^5 9^2

20. 6^2 3^3

21. What whole number equals 25 when it is squared and 125 when it is cubed?

22. Use exponents to write the number 81 three different ways.
