

 **PRACTICE**

Directions: For Numbers 1 through 7, write the expression as the factors of the base number and then evaluate.

1. $9^3 =$ _____ $=$ _____

2. $15^0 =$ _____ $=$ _____

3. $10^2 =$ _____ $=$ _____

4. $6^4 =$ _____ $=$ _____

5. $12^1 =$ _____ $=$ _____

6. $2^7 =$ _____ $=$ _____

7. $4^5 =$ _____ $=$ _____

Directions: For Numbers 8 through 12, write each expression in exponential notation.

8. $3 \cdot 3 \cdot 3 \cdot 3 \cdot 3 =$ _____

9. $7 \cdot 7 =$ _____

10. $5 \cdot 5 \cdot 5 \cdot 5 \cdot 5 \cdot 5 \cdot 5 =$ _____

11. $8 \cdot 8 \cdot 8 \cdot 8 =$ _____

12. $10 \cdot 10 \cdot 10 \cdot 10 \cdot 10 \cdot 10 =$ _____