Lesson 3 ~ Order of Operations with Powers

Name_____ Period_____ Date_____

Find the value of each expression. Show all work.

1. $4 + 3^2 \times 2$

2. $27 \div 3 + 4^2 - 6$

3. $7 - 2^5 \div 16$

4. $6^2 \div 4 + 1$

5. $8 \div 2^3 \times 12$

6. $4^3 - 14 + 3^2$

7. $3^4 \div 9 + 2 \times 4^2$

8. $8^2 - 2^4 + 3$

9. $1^3 \times 2 + 4 \div 4$

10. $5 \times 3 - 16 \div 2^3$

In each numerical equation, one of the numbers needs to be squared to get the given answer. Rewrite the equation with the appropriate number squared.

11. $4 \times 6 + 3 = 33$

12. $8 - 3 + 5 = 30$