

Name \_\_\_\_\_ Block. \_\_\_\_\_

### Quiz 1 Review

Express as exponent

1.) Three to the fifth power \_\_\_\_\_

2.) Nine squared \_\_\_\_\_

3.)  $3 \cdot x \cdot x \cdot x \cdot x$  \_\_\_\_\_

Evaluate

4.)  $x^3 + 7, x = 3$

5.)  $x^2 - 3x, x = 7$

6.)  $\frac{1}{2} \cdot \frac{48}{b} + 7, b = 6$

7.)  $5^2 - 14 \div 7$

8.)  $[(7-5)^5 \div 8] - 4$

9.)  $2 [(9-8)^2 + (12-5)^2]$

Check whether the given number is a solution

10.)  $24 - x = 15, x = 2$

11.)  $17 - 2a^3 = 11, a = 2$

12.)  $\frac{4}{x} + 3 \leq 5, x = 2$

13.)  $6(x+1) \geq 8x - 7, x = 2$