Equations with Square and Cube Roots Name \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Inverse Operations: Operations that undo one another

Squares and square roots are inverse operations.

32 = 9 “square”  = 3 “square root”

**Solve each of the following equations. Make sure to give the complete answer.**

1**.**  = 10 2.  = 4 3.  = 3

4.  + 4 = x 5. = 144 6. 

Cubes and cube roots are inverse operations.

33 = 27 “cube”  = 3 “cube root”

**Solve each of the following.**

1.  = *x* 2.  + *x* =  3. 

4.  5.  6. 