

## Unit 4.4 Solve by taking Square Root Practice

Period \_\_\_\_\_

**Solve each equation by taking square roots.**

1)  $n^2 = 0$

2)  $x^2 = 4$

3)  $x^2 + 4 = 85$

4)  $5m^2 = 410$

5)  $81k^2 = 64$

6)  $-4v^2 = -168$

7)  $n^2 + 4 = 20$

8)  $2x^2 = 32$

$$9) -7n^2 = -553$$

$$10) r^2 + 1 = 1$$

$$11) 7x^2 - 5 = 268$$

$$12) 7a^2 - 8 = 111$$

$$13) 10x^2 + 7 = 607$$

$$14) 81n^2 + 8 = 89$$

$$15) 7x^2 + 10 = 101$$

$$16) -9 - 9x^2 = -846$$

$$17) 4x^2 - 8 = 1$$

$$18) 2 + 36n^2 = 38$$