

## 6-3 Solving Equations with Square Roots

Name: \_\_\_\_\_

Time> Start: \_\_\_\_\_ Finish: \_\_\_\_\_ Total Time = \_\_\_\_\_

**Solve for the variable.**

1.  $2x^2 = 50$

2.  $5n^2 - 125 = 0$

3.  $-6a^2 = -216$

4.  $2(n + 2)^2 = 32$

5.  $3(b - 4)^2 - 27 = 0$

6.  $2(n - 7)^2 - 8 = 0$

7.  $c^2 + 11 = 12$

8.  $-5(r - 3)^2 = -25$

9.  $8(x + 9)^2 - 24 = 0$