

Name: _____ Hour: _____

Solve each quadratic equation by taking square roots. Leave answers in radical form, NO DECIMALS!

1. $(x - 4)^2 = 25$

5. $(x - 3)^2 = 49$

2. $5(x + 7)^2 = 5$

6. $(x - 9)^2 = 24$

3. $3(x - 2)^2 = 36$

7. $(x + 6)^2 = 75$

4. $(x - 5)^2 = 9$

8. $\left(x - \frac{1}{2}\right)^2 = 1$

9. $3(x - 5)^2 = 12$

11. $(2x - 3)^2 = 81$

10. $5(x + 1)^2 = 40$

12. $(4x + 1)^2 = 49$