

Solving by Factoring/Taking Square Roots/*Quadratic Formula* Name:

Solve each quadratic equation by factoring or by taking square roots.

1. $x^2 + 6x + 8 = 0$

2. $x^2 + 18 = 9x$

3. $2x^2 - x = 3$

4. $x^2 - 10x + 25 = 0$

5. $2x^2 + 6x = -4$

6. $3x^2 = 16x + 12$

7. $5x^2 = 80$

8. $x^2 - 4 = 0$

9. $2x^2 = 32$

10. $9x^2 = 25$

11. $3x^2 - 15 = 0$

12. $5x^2 - 40 = 0$