

Solving Quadratics Review

Solve for x using the square root property.

1) $5x^2 + 4 = 29$

2) $3x^2 - 7 = 209$

3) $(4x + 3)^2 = 48$

4) $(5x - 1)^2 = 25$

Solve using the zero product principle.

5) $(3x + 2)(5x - 4) = 0$

6) $3x(4x - 1) = 0$

Solve by factoring and using the zero product principle.

7) $4x^2 + 5x = 0$

8) $6x^2 + 7x - 3 = 0$

9) $25x^2 - 40x + 16 = 0$

10) $25x^2 - 16 = 0$

Solve using the quadratic formula. Simplify your answer.

11) $3x^2 + 7x + 2 = 0$

12) $4x^2 + 6x - 3 = 0$