

1.3: Solve using the Quadratic Formula

(Solve each equation with the quadratic formula.

1) $x^2 + 7x - 4 = 0$

2) $6m^2 + 5m - 91 = 0$

3) $11p^2 + 4 = 0$

4) $5x^2 - 3x - 2 = 0$

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5) $m^2 - 4m + 6 = 0$

6) $11n^2 + 6n + 2 = 0$

7) $6v^2 + 9v + 3 = 0$

8) $6n^2 + 9n - 15 = 0$

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$$9) 5x^2 + 5x - 3 = 0$$

$$10) 12x^2 + 8x + 12 = 0$$

Solve each equation by factoring.

$$11) x^2 - 4x - 5 = 0$$

$$12) 8x^2 - 56x = 0$$

$$13) n^2 - 5n + 4 = 0$$

$$14) 4p^2 + 12p - 112 = 0$$

$$15) b^2 + 6b + 11 = 6$$

$$16) n^2 + 12n + 29 = -3$$