

Lesson 5: Solving Quadratic Equations by Factoring

Solve the quadratic equations by factoring.

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

2) $x^2 - 11 + 10 = 0$

3) $x^2 - 5x = 6$

4) $x^2 = 2x + 35$

5) $x^2 + 14x = -13$

6) $x^2 = 6x + 7$

7) $x^2 - 16 = 0$

8) $x^2 - 36 = 0$

9) $x^2 + 10x = 0$

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

$$11) 3x^2 - 10x + 3 = 0$$

$$12) 8x^2 - 14x + 3 = 0$$

$$13) 6x^2 - 23x + 7 = 0$$

$$14) x(x - 4) = 5$$

$$15) x(x + 3) = -2$$

$$16) (x - 1)(x + 4) = -6$$