

# Solving Quadratic Equations (E)

Solve each equation for x

1.  $x^2 - 11x = -18$

7.  $x^2 - 8x - 5 = 4$

2.  $x^2 - 3x - 9 = 1$

8.  $2x^2 - 20x + 38 = -4$

3.  $-2x^2 + 12x - 13 = 5$

9.  $2x^2 - 2x - 11 = 29$

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

10.  $-2x^2 + x + 5 = -10$

5.  $2x^2 + 20x + 14 = -34$

11.  $4x^2 - 2x - 10 = 10$

6.  $x^2 + 10x + 7 = -17$

12.  $-2x^2 - 7x = -15$