

# Solving Quadratic Equations (A)

Solve each equation for x

1.  $-x^2 - 12x - 6 = 21$

7.  $-x^2 + 2x + 7 = -1$

2.  $x^2 - 5x + 1 = -3$

8.  $-x^2 + x + 48 = -24$

3.  $-x^2 + 8x + 9 = 0$

9.  $-x^2 - 8x - 11 = 4$

4.  $x^2 - 12x + 11 = -21$

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

5.  $x^2 - 7 = 18$

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

6.  $-x^2 + 2x + 15 = -9$

12.  $-x^2 + 5x + 32 = -4$