

# Solving Quadratic Equations (A)

Solve each equation for x

1.  $-2x^2 + 9x + 29 = -6$

7.  $x^2 - x - 44 = 12$

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

8.  $2x^2 - 21x + 28 = -12$

3.  $2x^2 - 3x - 4 = 5$

9.  $-2x^2 + 17x - 12 = 9$

4.  $4x^2 - 20x + 16 = -8$

10.  $-x^2 - 2x + 19 = -29$

5.  $2x^2 + 22x + 13 = -23$

11.  $x^2 + 10x + 4 = -5$

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

12.  $-4x^2 - 26x - 6 = 30$