

# Solving Quadratic Equations (J)

Solve each equation for x

1.  $24x^2 + 10x - 7 = 14$

7.  $7x^2 + 44x + 8 = -37$

2.  $5x^2 - 46x + 5 = -4$

8.  $36x^2 + 35x - 2 = 47$

3.  $16x^2 - 16x + 1 = -2$

9.  $20x^2 - 39x = -7$

4.  $6x^2 - 27x + 15 = -12$

10.  $20x^2 - 62x + 47 = -1$

5.  $28x^2 + 69x + 25 = -10$

11.  $16x^2 + 6x - 4 = 6$

6.  $30x^2 + 19x - 4 = 1$

12.  $7x^2 + 22x + 7 = -9$