

# Solving Quadratic Equations (J)

Name: \_\_\_\_\_

Date: \_\_\_\_\_

Solve each equation for x.

1.  $-2x^2 + 23x - 63 = 0$

11.  $4x^2 - 12x + 9 = 0$

2.  $-2x^2 + 13x - 21 = 0$

12.  $-3x^2 - 20x + 7 = 0$

3.  $2x^2 + 5x + 2 = 0$

13.  $2x^2 + 3x - 27 = 0$

4.  $-4x^2 - 3x + 10 = 0$

14.  $-2x^2 - 23x - 45 = 0$

5.  $-3x^2 - 11x - 10 = 0$

15.  $-3x^2 - 8x - 4 = 0$

6.  $-4x^2 + 37x - 40 = 0$

16.  $4x^2 - 24x + 35 = 0$

7.  $2x^2 - 13x - 24 = 0$

17.  $-x^2 - 14x - 48 = 0$

8.  $x^2 - 7x - 18 = 0$

18.  $4x^2 + 23x + 15 = 0$

9.  $-2x^2 - 3x + 35 = 0$

19.  $3x^2 - 31x + 56 = 0$

10.  $-3x^2 + 19x + 14 = 0$

20.  $3x^2 + 34x + 63 = 0$