

# Solving Quadratic Equations (C)

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

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

Solve each equation for x.

1.  $6x^2 - 15x - 36 = 0$

11.  $-10x^2 - 44x - 42 = 0$

2.  $25x^2 - 35x - 120 = 0$

12.  $-5x^2 - 5x + 10 = 0$

3.  $-8x^2 + 30x + 8 = 0$

13.  $-8x^2 + 26x - 6 = 0$

4.  $-12x^2 - 40x - 32 = 0$

14.  $20x^2 - 85x + 90 = 0$

5.  $-20x^2 - 100x - 105 = 0$

15.  $-12x^2 - 104x - 192 = 0$

6.  $-10x^2 - 15x + 135 = 0$

16.  $-6x^2 - 69x - 135 = 0$

7.  $8x^2 + 66x - 54 = 0$

17.  $-12x^2 - 8x + 84 = 0$

8.  $-4x^2 + 30x + 54 = 0$

18.  $-6x^2 + 33x - 15 = 0$

9.  $6x^2 - 21x - 90 = 0$

19.  $-6x^2 - 38x + 144 = 0$

10.  $15x^2 + 85x + 120 = 0$

20.  $-8x^2 + 162 = 0$