

# Solving Quadratic Equations (E)

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

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

Solve each equation for x.

1.  $8x^2 - 20x - 12 = 0$

11.  $-16x^2 - 96x - 108 = 0$

2.  $-8x^2 - 32x - 30 = 0$

12.  $8x^2 - 28x + 24 = 0$

3.  $-5x^2 - 50x - 125 = 0$

13.  $-6x^2 - 75x - 189 = 0$

4.  $-10x^2 + 5x + 105 = 0$

14.  $-9x^2 + 15x + 84 = 0$

5.  $6x^2 - 9x - 60 = 0$

15.  $12x^2 + 27x + 15 = 0$

6.  $-12x^2 + 12x + 189 = 0$

16.  $16x^2 + 32x - 180 = 0$

7.  $-12x^2 - 84x - 135 = 0$

17.  $-16x^2 + 44x - 24 = 0$

8.  $-20x^2 + 80x + 45 = 0$

18.  $-6x^2 - 33x + 120 = 0$

9.  $-4x^2 - 18x + 112 = 0$

19.  $12x^2 - 63x + 60 = 0$

10.  $-8x^2 - 68x - 120 = 0$

20.  $12x^2 - 4x - 56 = 0$