

# Solving Quadratic Equations (B)

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

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

Solve each equation for x.

1.  $-2x^2 - 10x - 12 = 0$

11.  $3x^2 + 12x - 135 = 0$

2.  $5x^2 - 60x + 135 = 0$

12.  $5x^2 + 70x + 225 = 0$

3.  $5x^2 + 35x - 40 = 0$

13.  $2x^2 - 32x + 126 = 0$

4.  $-3x^2 - 33x - 84 = 0$

14.  $-3x^2 - 3x + 216 = 0$

5.  $-3x^2 - 51x - 216 = 0$

15.  $-5x^2 - 30x + 80 = 0$

6.  $5x^2 + 15x - 140 = 0$

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

7.  $-4x^2 + 4x + 120 = 0$

17.  $5x^2 + 20x - 225 = 0$

8.  $-3x^2 + 9x + 162 = 0$

18.  $-3x^2 - 36x - 96 = 0$

9.  $-5x^2 + 75x - 280 = 0$

19.  $-5x^2 - 10x + 315 = 0$

10.  $5x^2 - 5x - 100 = 0$

20.  $5x^2 + 65x + 180 = 0$