

# Solving Quadratic Equations (I)

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

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

Solve each equation for x.

1.  $-3x^2 + 27x - 54 = 0$

11.  $-5x^2 - 35x - 60 = 0$

2.  $3x^2 - 12x - 96 = 0$

12.  $4x^2 + 52x + 160 = 0$

3.  $5x^2 + 50x + 80 = 0$

13.  $2x^2 - 2x - 12 = 0$

4.  $2x^2 - 18x + 36 = 0$

14.  $4x^2 - 60x + 224 = 0$

5.  $4x^2 - 12x - 16 = 0$

15.  $2x^2 + 30x + 112 = 0$

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

16.  $-4x^2 - 16x + 20 = 0$

7.  $-4x^2 - 4x + 24 = 0$

17.  $-4x^2 - 48x - 128 = 0$

8.  $-4x^2 + 24x - 32 = 0$

18.  $5x^2 + 50x + 45 = 0$

9.  $-3x^2 - 39x - 108 = 0$

19.  $2x^2 + 10x + 8 = 0$

10.  $5x^2 + 65x + 210 = 0$

20.  $-2x^2 + 10x - 8 = 0$