

# Solving Quadratic Equations (G)

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

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

Solve each equation for x.

1.  $-4x^2 + 8x + 252 = 0$

11.  $5x^2 - 5x - 280 = 0$

2.  $-4x^2 - 36x - 72 = 0$

12.  $-3x^2 - 39x - 108 = 0$

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

13.  $2x^2 - 6x - 108 = 0$

4.  $-3x^2 - 15x + 42 = 0$

14.  $-2x^2 + 24x - 64 = 0$

5.  $3x^2 - 36x + 81 = 0$

15.  $5x^2 - 320 = 0$

6.  $5x^2 + 10x - 175 = 0$

16.  $-2x^2 - 6x + 56 = 0$

7.  $-2x^2 - 6x + 108 = 0$

17.  $3x^2 - 3x - 18 = 0$

8.  $-3x^2 + 33x - 72 = 0$

18.  $-3x^2 + 12x - 9 = 0$

9.  $-2x^2 + 36x - 162 = 0$

19.  $4x^2 - 12x + 8 = 0$

10.  $-2x^2 - 34x - 144 = 0$

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