

# Solving Quadratic Equations (F)

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

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

Solve each equation for x.

1.  $-16x^2 + 100x - 100 = 0$

11.  $16x^2 + 180x + 324 = 0$

2.  $2x^2 - 14x + 12 = 0$

12.  $5x^2 + 70x + 240 = 0$

3.  $20x^2 - 20x - 75 = 0$

13.  $8x^2 - 30x - 8 = 0$

4.  $-4x^2 - 22x + 12 = 0$

14.  $-3x^2 + 27x - 24 = 0$

5.  $15x^2 - 35x - 30 = 0$

15.  $8x^2 + 30x + 18 = 0$

6.  $4x^2 + 38x + 18 = 0$

16.  $20x^2 - 95x - 150 = 0$

7.  $-12x^2 + 117x - 168 = 0$

17.  $6x^2 - 20x - 50 = 0$

8.  $5x^2 + 70x + 225 = 0$

18.  $12x^2 - 28x - 24 = 0$

9.  $9x^2 - 75x + 126 = 0$

19.  $-20x^2 - 160x - 315 = 0$

10.  $15x^2 + 125x + 210 = 0$

20.  $8x^2 - 14x - 30 = 0$