

# Solving Quadratic Equations (F)

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

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

Solve each equation for x.

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

11.  $-2x^2 + 128 = 0$

2.  $-3x^2 - 9x + 30 = 0$

12.  $-3x^2 + 48x - 189 = 0$

3.  $4x^2 + 8x - 12 = 0$

13.  $2x^2 - 14x - 16 = 0$

4.  $-3x^2 - 51x - 216 = 0$

14.  $2x^2 - 8x - 90 = 0$

5.  $4x^2 - 44x + 112 = 0$

15.  $4x^2 - 4x - 288 = 0$

6.  $-2x^2 + 20x - 18 = 0$

16.  $-3x^2 + 6x + 9 = 0$

7.  $-2x^2 - 22x - 36 = 0$

17.  $-2x^2 + 2x + 60 = 0$

8.  $5x^2 - 50x + 125 = 0$

18.  $-4x^2 + 20x + 144 = 0$

9.  $-3x^2 + 30x - 72 = 0$

19.  $4x^2 - 4x - 224 = 0$

10.  $-3x^2 + 108 = 0$

20.  $3x^2 - 48 = 0$