

# Solving Quadratic Equations (A)

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

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

Solve each equation for x.

1.  $4x^2 - 48x + 128 = 0$

11.  $4x^2 + 52x + 168 = 0$

2.  $2x^2 - 28x + 96 = 0$

12.  $-3x^2 - 33x - 90 = 0$

3.  $4x^2 - 324 = 0$

13.  $-5x^2 + 35x + 40 = 0$

4.  $2x^2 + 12x - 54 = 0$

14.  $-4x^2 + 12x + 72 = 0$

5.  $2x^2 - 2x - 40 = 0$

15.  $4x^2 - 12x - 16 = 0$

6.  $-2x^2 + 26x - 72 = 0$

16.  $-5x^2 - 60x - 180 = 0$

7.  $4x^2 - 60x + 216 = 0$

17.  $4x^2 - 64 = 0$

8.  $-3x^2 - 39x - 108 = 0$

18.  $-2x^2 - 30x - 112 = 0$

9.  $-2x^2 - 2x + 40 = 0$

19.  $3x^2 + 3x - 126 = 0$

10.  $-3x^2 + 9x + 162 = 0$

20.  $3x^2 - 27x + 54 = 0$