

# Solving Quadratic Equations (H)

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

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

Solve each equation for x.

1.  $12x^2 - 80x + 128 = 0$

11.  $-12x^2 + 24x + 15 = 0$

2.  $-4x^2 + 22x - 10 = 0$

12.  $-12x^2 - 36x + 81 = 0$

3.  $-12x^2 + 24x + 135 = 0$

13.  $8x^2 + 30x + 28 = 0$

4.  $9x^2 + 30x - 144 = 0$

14.  $9x^2 - 24x + 12 = 0$

5.  $20x^2 + 155x - 40 = 0$

15.  $8x^2 + 68x + 120 = 0$

6.  $-3x^2 + 27 = 0$

16.  $-15x^2 - 55x + 210 = 0$

7.  $-10x^2 - 95x - 210 = 0$

17.  $12x^2 + 75x - 168 = 0$

8.  $4x^2 + 44x + 120 = 0$

18.  $-5x^2 - 45x - 100 = 0$

9.  $15x^2 - 70x + 80 = 0$

19.  $-6x^2 - 45x + 81 = 0$

10.  $8x^2 - 40x + 18 = 0$

20.  $-15x^2 + 20x + 160 = 0$