

# Solving Quadratic Equations (H)

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

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

Solve each equation for x.

1.  $-63x^2 - 89x - 30 = 0$

11.  $27x^2 - 30x - 25 = 0$

2.  $15x^2 - 23x + 6 = 0$

12.  $14x^2 - 37x - 42 = 0$

3.  $-16x^2 - 74x - 63 = 0$

13.  $-27x^2 - 30x - 7 = 0$

4.  $15x^2 - 7x - 4 = 0$

14.  $20x^2 + 21x - 54 = 0$

5.  $45x^2 - 106x + 45 = 0$

15.  $45x^2 + 14x + 1 = 0$

6.  $12x^2 - 13x - 35 = 0$

16.  $14x^2 + 33x - 56 = 0$

7.  $-30x^2 - 47x - 7 = 0$

17.  $-24x^2 + 46x - 21 = 0$

8.  $-15x^2 + 8x - 1 = 0$

18.  $8x^2 - 14x + 3 = 0$

9.  $-6x^2 - 5x + 14 = 0$

19.  $-81x^2 + 16 = 0$

10.  $16x^2 - 74x + 63 = 0$

20.  $-32x^2 + 60x - 27 = 0$