

# Solving Quadratic Equations (I)

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

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

Solve each equation for x.

1.  $25x^2 + 60x + 35 = 0$

11.  $-20x^2 - 145x - 35 = 0$

2.  $-15x^2 - 130x - 175 = 0$

12.  $-20x^2 + 65x - 15 = 0$

3.  $-15x^2 - 84x - 45 = 0$

13.  $16x^2 - 4x - 72 = 0$

4.  $8x^2 + 12x - 216 = 0$

14.  $15x^2 - 55x + 50 = 0$

5.  $20x^2 - 112x - 196 = 0$

15.  $12x^2 + 56x - 96 = 0$

6.  $-8x^2 + 8x + 30 = 0$

16.  $-6x^2 - 39x - 60 = 0$

7.  $9x^2 + 48x - 36 = 0$

17.  $16x^2 + 32x - 20 = 0$

8.  $-10x^2 - 72x - 72 = 0$

18.  $20x^2 + 160x + 315 = 0$

9.  $12x^2 + 12x - 45 = 0$

19.  $-8x^2 + 38x + 126 = 0$

10.  $16x^2 - 132x - 108 = 0$

20.  $15x^2 + 85x + 100 = 0$