

# Solving Quadratic Equations (D)

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

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

Solve each equation for x.

1.  $45x^2 + 387x + 504 = 0$

11.  $-9x^2 + 42x + 147 = 0$

2.  $40x^2 + 32x - 72 = 0$

12.  $36x^2 + 6x - 6 = 0$

3.  $24x^2 + 16x - 128 = 0$

13.  $-15x^2 - 80x - 25 = 0$

4.  $25x^2 + 145x - 210 = 0$

14.  $-12x^2 + 74x - 90 = 0$

5.  $-5x^2 + 405 = 0$

15.  $12x^2 + 102x + 126 = 0$

6.  $18x^2 + 123x - 21 = 0$

16.  $12x^2 - 66x + 90 = 0$

7.  $-4x^2 - 38x - 18 = 0$

17.  $8x^2 + 58x + 90 = 0$

8.  $36x^2 + 40x + 4 = 0$

18.  $14x^2 + 76x + 30 = 0$

9.  $-42x^2 - 432x - 486 = 0$

19.  $16x^2 + 50x + 36 = 0$

10.  $-64x^2 + 16x + 168 = 0$

20.  $-48x^2 + 200x - 32 = 0$