

# 11-2 Solving Polynomials

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

Time> Start: \_\_\_\_\_ Finish: \_\_\_\_\_

Total Time = \_\_\_\_\_

Find the value(s) for the variable, which means what are the ROOTS or ZEROS of the equation.

\_\_\_\_\_ 1.  $x^2 + 7x + 10 = 0$

\_\_\_\_\_ 2.  $x^2 + 2x - 8 = 0$

\_\_\_\_\_ 3.  $x^2 - 2x - 3 = 0$

\_\_\_\_\_ 4.  $x^2 - 6x - 16 = 0$

\_\_\_\_\_ 5.  $x^2 - 12x + 20 = 0$

\_\_\_\_\_ 6.  $x^2 - 6x + 8 = 0$

\_\_\_\_\_ 7.  $x^2 + 5x - 6 = 0$

\_\_\_\_\_ 8.  $x^2 - 8x + 15 = 0$

\_\_\_\_\_ 9.  $x^2 - 100 = 0$

\_\_\_\_\_ 10.  $x^2 - 16x + 15 = 0$

\_\_\_\_\_ 11.  $x^2 - x - 12 = 0$

\_\_\_\_\_ 12.  $x^2 - 21x + 20 = 0$

\_\_\_\_\_ 13.  $x^2 - 25 = 0$

\_\_\_\_\_ 14.  $2x^2 + 16x + 24 = 0$

\_\_\_\_\_ 15.  $3x^2 - 12x - 36 = 0$

\_\_\_\_\_ 16.  $(x + 2)(x - 3)(x + 1) = 0$

\_\_\_\_\_ 17.  $(2x - 1)(3x - 1) = 0$