

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

Date: 2-19-2010

Algebra 2 Test

Solve each of the following problems

Things to look for in each problem

- a) FOIL
- b) Move everything to one side
- c) Factor to get it back to  $a(x-p)(x-q)=0$
- d) Solve each ( ) for 0

1)  $x^2 + 19x + 90 = 0$

2)  $-5x^2 + 605 = 0$

3)  $4x^2 + 20x + 25 = 0$

$$4) (x + 2)^2 + x(x - 3) = 1$$

$$5) (2x + 1)^2 = (x + 2)^2$$