**LT #6: Quadratic Formula**

1. \_\_\_\_\_\_\_\_\_\_\_\_\_
Circle one:

One Two No
Sol. Sol. Sol.

2. \_\_\_\_\_\_\_\_\_\_\_\_\_\_

Circle one:

One Two No

Sol. Sol. Sol.

3. \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

4. \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

For #4-5, find the value of the discriminant (showing your work!). Then circle
whether the function will have one, two, or no real solutions. (3 pts each)

1. $y= x^{2}+5x+8$ 2. $\left(x-1\right)\left(2x+1\right)=0$

Solve by **the quadratic formula** (4 pts each)

3. $ 3x^{2}+5x-2=0$

4. $ x^{2}+4x-3=0$

 /14