**Math II Homework 2**

**Solve the following problems. SHOW YOUR WORK!**

***Find the value of the discriminant.***

1. x2 + 3x + 5 = 0 2. x2 – 2x – 3 = 0

***Find the roots of each equation.***

3. x2 – 2x – 4 = 0 4. x2 + 3x + 1 = 0

***Simplify.***

5. 2 6. -3

***Add or subtract. Simplify if possible.***

7. + 13 8. 2 - 5

9. 2 + 3 10. 9 - 5