Notes for Week 4:

- Instead of having a new assignment each day, this is an assignment for the entire week. It is due on Friday, May 15th.
- Submit the assignment on Schoology like you have been doing.
- Office hours and the methods to contact me are the same.

Part 1: Find the slope of a line given two points

1) $(19, -16), (-7, -15)$

2) $(1, -19), (-2, -7)$

3) $(-4, 7), (-6, -4)$

4) $(20, 8), (9, 16)$

5) $(17, -13), (17, 8)$

6) $(19, 3), (20, 3)$

Part 2: Write the equation of the line that goes through the two given points in slope-intercept form.

1) through: $(0, 3)$ and $(-4, -1)$

2) through: $(0, 2)$ and $(1, -3)$

3) through: $(-4, 0)$ and $(1, 5)$

4) through: $(-4, -2)$ and $(-3, 5)$

5) through: $(5, 4)$ and $(-4, 3)$

6) through: $(-4, 2)$ and $(0, -5)$

Part 3: Find the distance between the two given points. Simplify if possible.

1) $(7, 3)$, $(-1, -4)$

2) $(3, -5)$, $(-3, 0)$

3) $(6, -7)$, $(3, -5)$

4) $(5, 1)$, $(5, -6)$

5) $(5, -8)$, $(-8, 6)$

6) $(4, 6)$, $(-4, -3)$