MA 109: September 7

Linear Functions: Slope and Equations

# Start of Class

## Instructor Information

Name:

Email:

Office Hours:

## Warm-up Questions

# Notes

**Computing Slope**

The slope of the line between the points and is

**Example:** Compute the slope of the line between the points (0,5) and (3,−4).

What if we flip the order?

**Writing Equations of Linear Functions**

Step 1:

Step 2:

Step 3:

**Example:** Write the equation of the line with slope −3 and goes through the point (2,5).

What about -intercepts?

**Example:** Write the equation of the line with slope 5 and 𝑦-intercept (0,7).

# End of Class

Write a summary of what you learned today:

What questions do you have about the material from today?

What do you need to do between now and the next class meeting?