MA 109: October 6

Quadratic Functions

# Start of Class

## Instructor Information

Name:

Email:

Office Hours:

## Warm-up Questions

# Notes

**Example:** Suppose 𝑓(𝑥)=5(𝑥−2)(𝑥+7). What are the roots of 𝑓(𝑥)?

**Example:** Write the equation of the quadratic function with roots at 𝑥=3,−2 and 𝑦-intercept at 𝑦=18.

**Example:** Write the equation of the quadratic function with a root at 𝑥=7 and goes through the point (3,−2).

# 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?