MA 109: October 9

Polynomials: Roots and Multiplicity

# Start of Class

## Instructor Information

Name:

Email:

Office Hours:

## Warm-up Questions

# Notes

**Example:** Complete the following table to determine all of the roots and their multiplicities for the function

|  |  |
| --- | --- |
| Root | Multiplicity |
|  |  |

Chart, line chart

Description automatically generated**Example:** Complete the following table to determine all of the roots and their multiplicities for the polynomial function in the graph below.

|  |  |
| --- | --- |
| Root | Multiplicity |
|  |  |

**Summary: Roots and Multiplicity**

|  |  |
| --- | --- |
| From the Equation | From the Graph |
|  |  |

# 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?