

MA 109: October 10

Polynomials: End Behavior

Start of Class

Instructor Information

Name:

Email:

Office Hours:

Warm-up Questions

Notes

Summary: End Behavior

The degree of a polynomial determines...

The leading coefficient of a polynomial determines...

| | | Leading Coefficient | |
|--------|------|---------------------|----------|
| | | Positive | Negative |
| Degree | Odd | | |
| | Even | | |

Example: Determine the end behavior of $f(x) = -3x^5 + x^2 - 7$.

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?