MA 109: September 12

Linear Functions: Linear Models

# Start of Class

## Instructor Information

Name:

Email:

Office Hours:

## Warm-up Questions

# Notes

**Example:** Write the equation of the vertical line that goes through the point (−7,8).

Scientists have been measuring the populations of different animals in a nearby forest since 2000. Based on their data, the populations are best modeled by the equations given in the table below.

|  |  |  |  |
| --- | --- | --- | --- |
| **Animal** | **Population** |  |  |
| Wolf |  |  |  |
| Lizard |  |  |  |
| Deer |  |  |  |
| Squirrel |  |  |  |
| Fox |  |  |  |

1. What populations are growing?
2. What population is growing the fastest?
3. What animal had the largest population in 2000?

# 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?