MA 109: October 20

Exponential Functions: Equations

Start of Class

Instructor Information

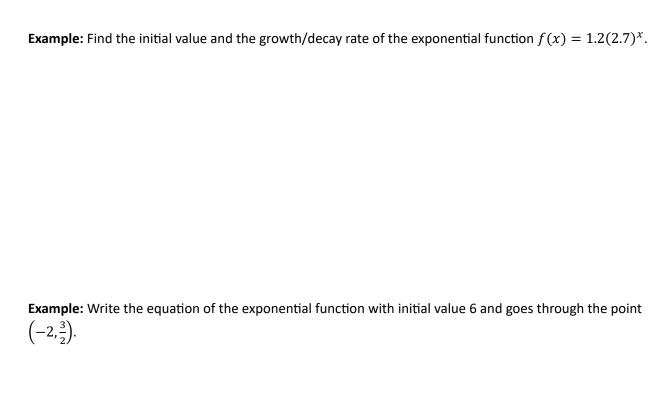
Name:

Email:

Office Hours:

Warm-up Questions

Notes



Example: The population of four towns are modeled by the equations to the right.

1. Which town has the largest initial population?

Town	Population
Town A	$f(x) = 356(1.92)^x$
Town B	$f(x) = 673(0.34)^x$
Town C	$f(x) = 93(1.03)^x$
Town D	$f(x) = 854(1.52)^x$

2. Which towns are growing?

3. Which town is growing the fastest?

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?