MA 109: October 3

Transformations: Summary and Review

Start of Class

Instructor Information

Name:

Email:

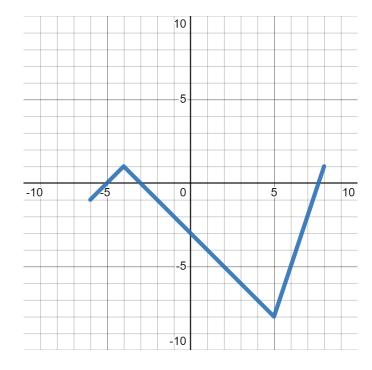
Office Hours:

Warm-up Questions

Notes

	Vertical Transformation	Horizontal Transformation
Shift	Shift up	Shift left
	Shift down	Shift right
Scale	Vertical stretch	Horizontal stretch
	Vertical compression	Horizontal compression
Reflection	Vertical reflection	Horizontal reflection

Example: Suppose f(x) is given in the graph to the right. Draw the graph of f(2x)+3.



Example: Suppose the domain of f(x) is (-5,1) and its range is (-2,7]. What are the domain and range of 4f(-x)?

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?