Math Virtual Learning

College Prep Algebra

May 19, 2020

College Prep Algebra
Lesson: May 18, 2020

Objective/Learning Target:
I can determine the horizontal or vertical compression, stretch, or reflection of a function from its equation.

Lesson:
On May 15 you worked with vertical shifts. On May 18 you worked on horizontal shifts.

Today you are going to work with
- Vertical Compression and Stretch
- Horizontal Compression and Stretch,
- Reflections across the X-axis
- Reflections across the Y-axis.

These are the last types of transformation a function can have. We will put them all together on May 20.

In Algebra 2, you learned how to use algebra to Reflect, Compress, and Stretch functions.

Refresh your memory and increase your knowledge with [this activity](#).

Practice:
Add to your Reference Sheet for Transformations that you started on May 15

- ❑ **How the Function is changed**

- ❑ **Change to the equation of the Function**

We will save Domain and Range for May 20

Do this on notebook paper for you to reference for the remainder of the lessons.