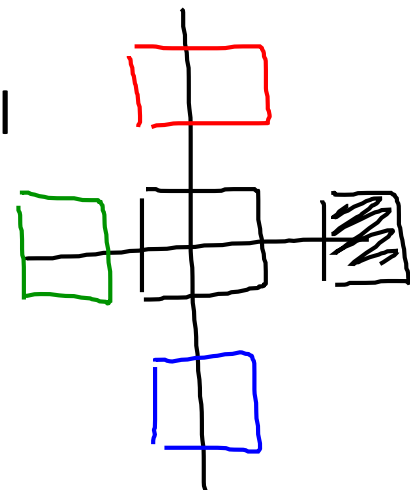


WEDNESDAY, JANUARY 23, 2019

- Warm-up original = $f(x)$

- In the center of the coordinate plane, draw a small square, mark the 4 corners of that square
- Translate the square in the following directions, redrawing each translation in a different color:

- 3 units up $f(x) + 3$
- 3 units to the left $f(x + 3)$
- 3 units down $f(x) - 3$
- 3 units to the right $f(x - 3)$



- Transformation of Functions
Transformers

Lesson 22-1 Exploring $f(x) + k$

Lesson 22-2 Exploring $f(x + k)$

Objectives:

Content: I will Identify the effects of various translations on a graph.

Social: I will use my time wisely to complete the activity.

Language: I will write my answers clearly using good vocabulary.

Lesson 22-1 & 2

Transformation of Functions

page 371



- Instructions:
 - tear pages 371-378 out of your book and store your book under your desk
 - get a chromebook and go to desmos on google chrome
- Goal:
 - get through The lessons 22-1 & 22-2 before the end of the period

Objectives:

Content: I will Identify the effects of various translations on a graph.

Social: I will use my time wisely to complete the activity.

Language: I will write my answers clearly using good vocabulary.