

Wednesday, January 16, 2019 – A

- Warm-up

- Sketch the graph of $y = 2x + 4$ over the restricted domain $0 \leq x \leq 5$

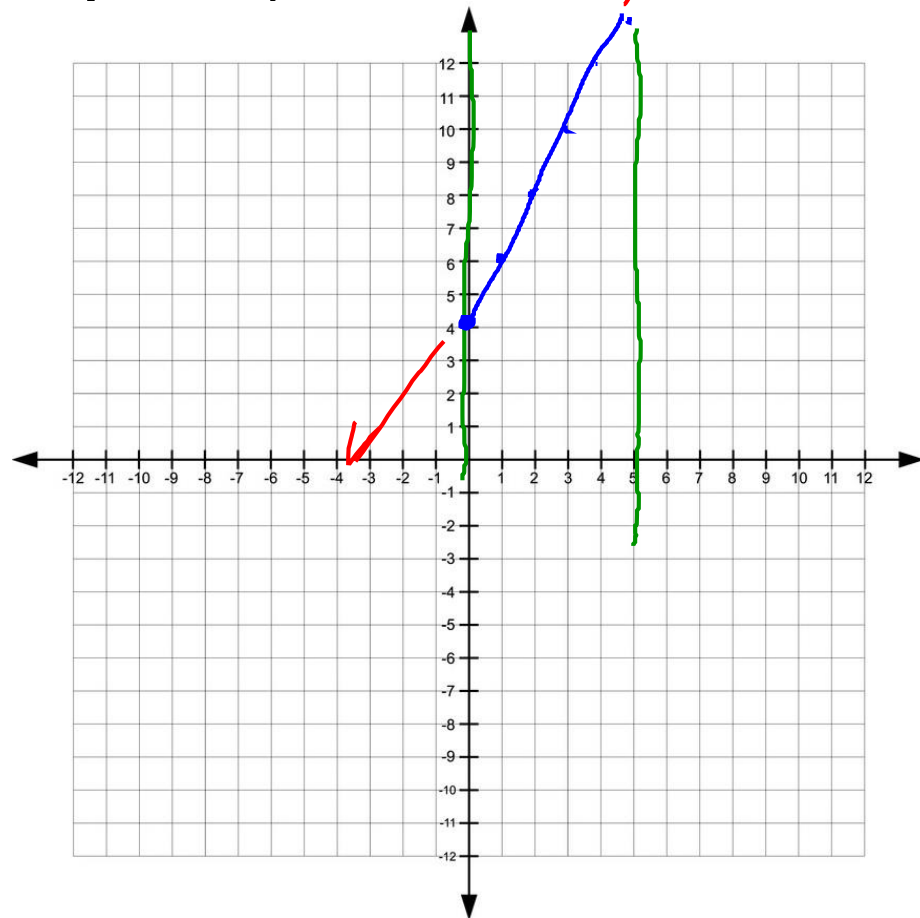
line segment

$$y = mx + b$$

slope = $\frac{2}{1}$

- How is that graph different than $y = 2x + 4$ without a restricted domain?

entire line (continuous)



- Lesson 8-1

Piecewise-Defined Linear Functions
At the Supermarket
Function Notation & Rate of Change

Objectives:

- Content:** I will graph and describe a piecewise function.
Social: I will pay attention during the lesson.
Language: I will describe rates of change for piecewise function.

Wednesday, January 16, 2019 – B

- Warm-up
 - Thinking about the Soho Salmon pricing – what other items have a similar plan? Explain including domains, prices, fees, etc.

- Lesson 8-2

Writing Functions and Finding Domain & Range

Objectives:

Content: I will graph and describe a piecewise function.

Social: I will pay attention during the lesson.

Language: I will describe rates of change for piecewise function.