Name _____ **Class** _____ **Date** _____
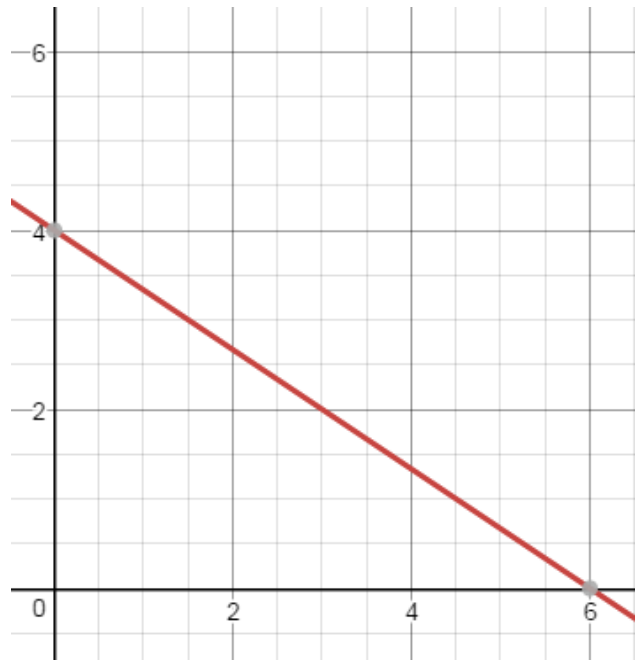
DIY Kahoot – Chapter 2 Review

- With a partner, your job is to generate a multiple choice review question (including legitimate distractors) for one of the topics in Chapter 2.
- Your multiple choice answer selections may be graphs, equations, numbers, algebra expressions, or something else, but *you* (and your partner) must come up with them.
- I will collect the questions and make a Kahoot review that all my classes will play tomorrow.

Some suggested areas for you to make a question from:

- Domain/Range
- Table of Values
- Evaluate A Function
- Write a Linear Model
- Slope/Rate of Change
    - o Calculate slope
    - o Find slope from a graph
    - o Rise/Fall/Horizontal/Vertical
    - o Positive/Negative/Zero/Undefined
    - o Rate of Change w/Units
- Find x- and y-intercepts
- Slope-Intercept Form/Standard Form/Point-Slope Form
- Write an equation from a graph
- Make a quick graph
- Equations of parallel/perpendicular lines

As an example:

Which equation does not represent this function?

a) $y = -\frac{2}{3}x + 4$

b) $2x + 3y = 12$

c) $4y + 6x = 10$

d) $y - 2 = -\frac{2}{3}(x - 3)$

The correct answer is c). Answer a) is the slope-intercept form, answer b) is the standard form, and answer d) is the point-slope form of the equation that is graphed. Answer c) is a legitimate distractor because it includes a common student mistake (students sees y=4 and x=6 as intercepts and assumes they must be in the equation somewhere.

All questions and multiple choice answer options are due at the end of class.

The review is worth 25 points:
- Question - 5 points
- Each Distractor (with justification) – 5 points
- Teamwork – 5 points

Be creative and have fun!