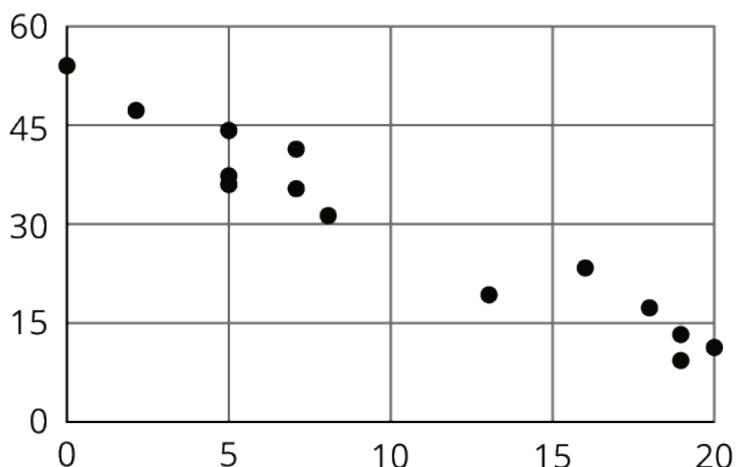


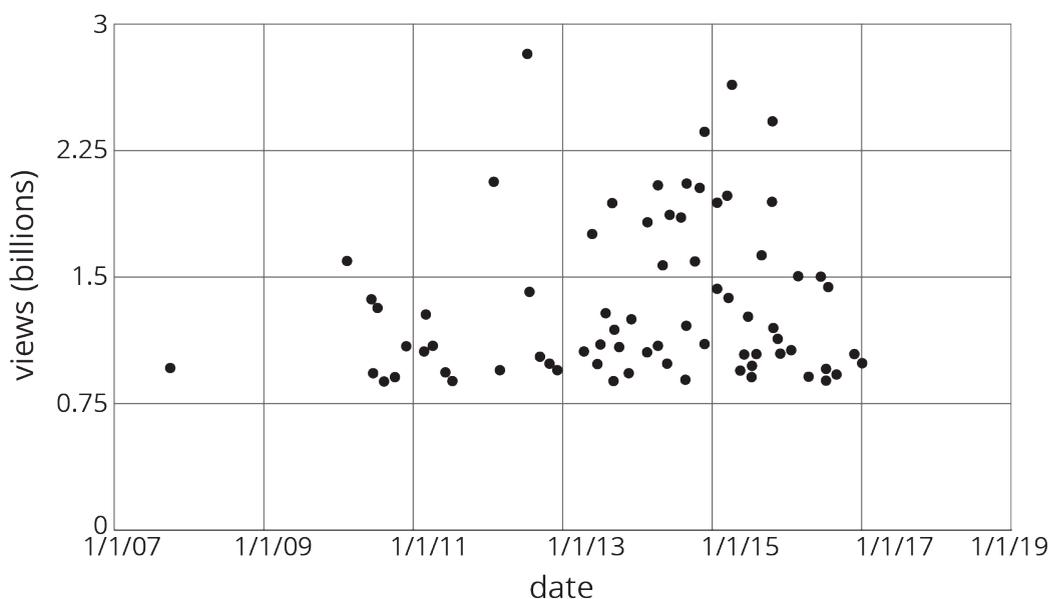
Lesson 5 Practice Problems

1. a. Draw a line that you think is a good fit for this data. For this data, the inputs are the horizontal values, and the outputs are the vertical values.



- b. Use your line of fit to estimate what you would expect the output value to be when the input is 10.

2. Here is a scatter plot that shows the most popular videos in a 10-year span.



- a. Use the scatter plot to estimate the number of views for the most popular video in this 10-year span.

- b. Estimate when the 4th most popular video was released.

(From Unit 6, Lesson 3.)

3. A recipe for bread calls for 1 teaspoon of yeast for every 2 cups of flour.
- Name two quantities in this situation that are in a functional relationship.
 - Write an equation that represents the function.
 - Draw the graph of the function. Label at least two points with input-output pairs.

(From Unit 5, Lesson 8.)