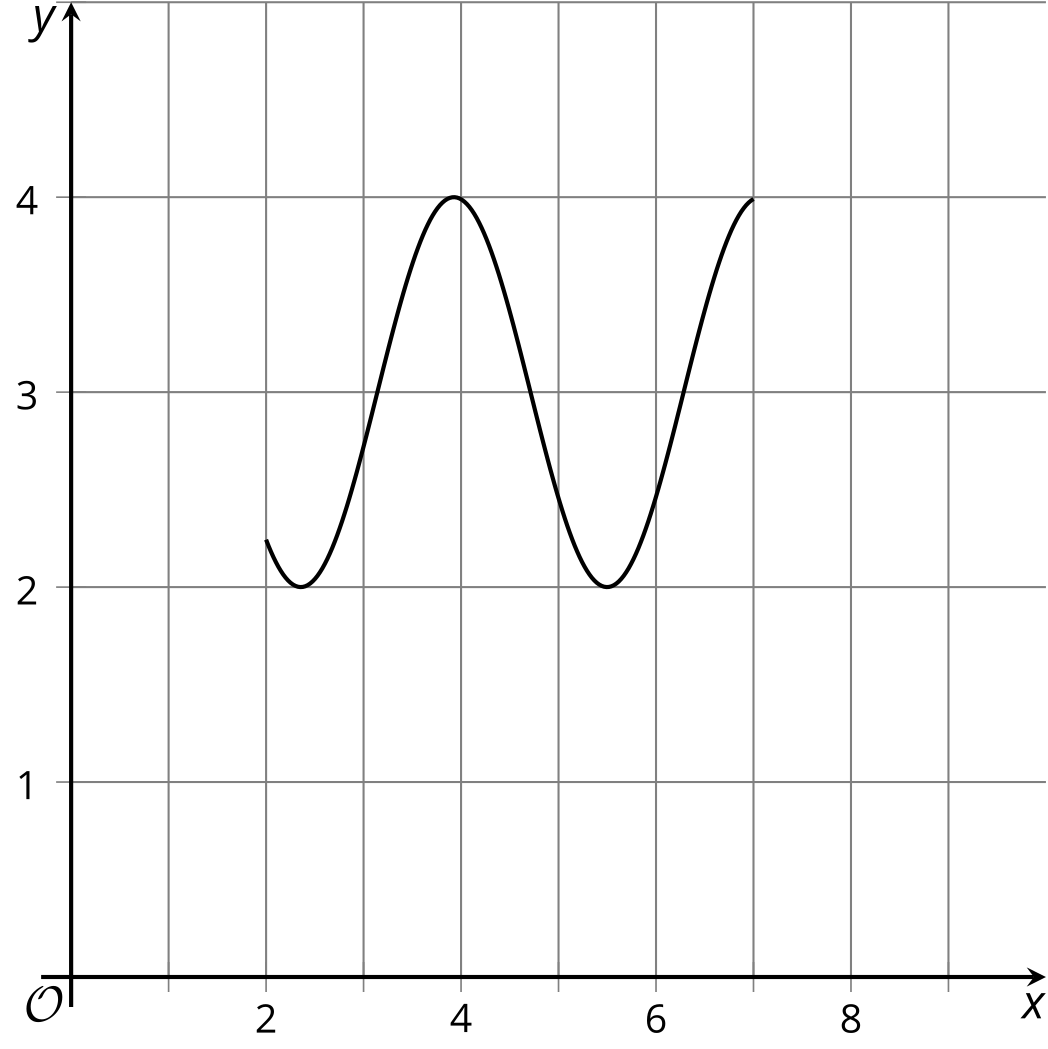
## Lesson 11: Examining Domains and Ranges

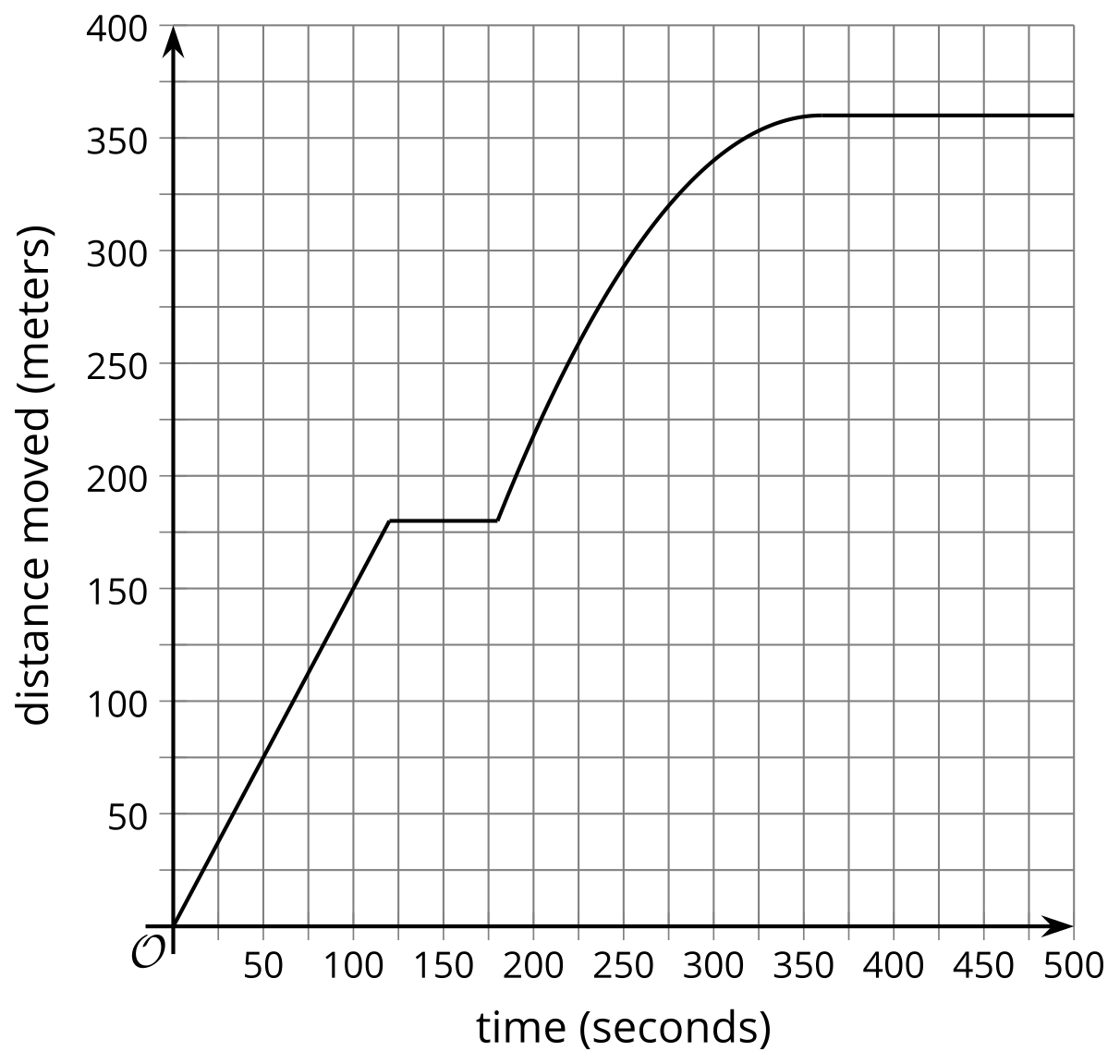
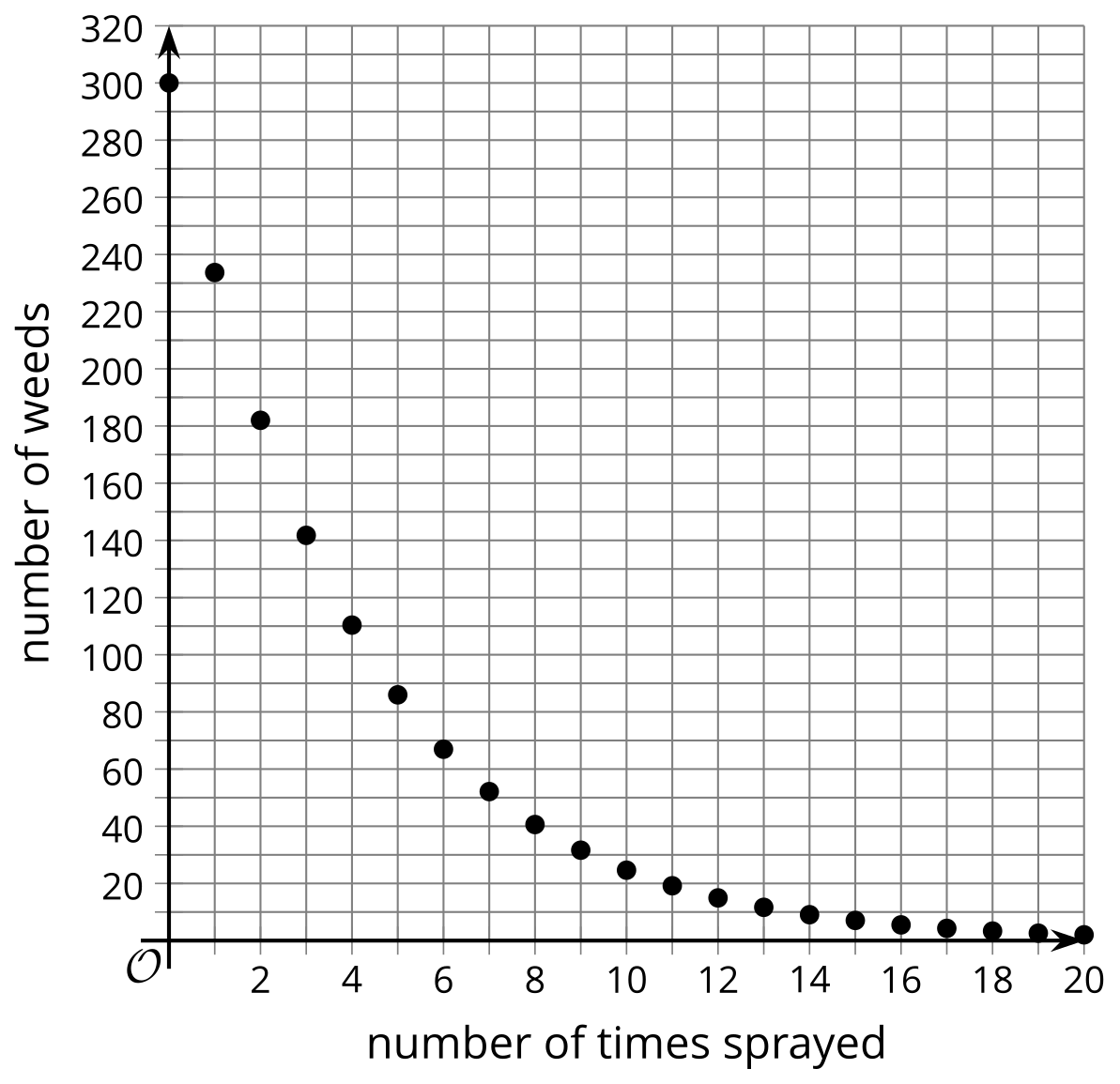
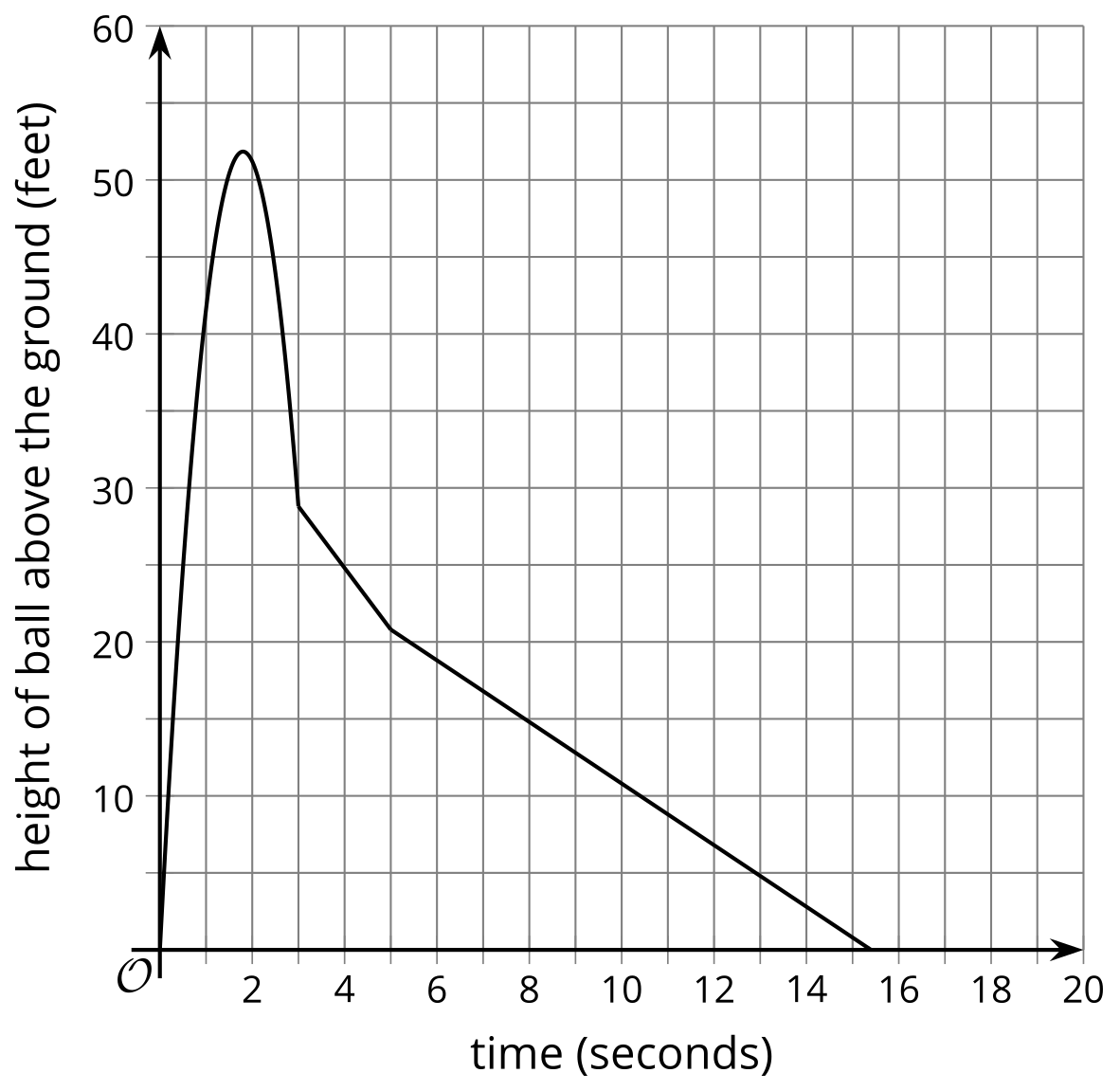
* Let’s play with graphs, domains, and ranges in situations.

### 11.1: Notice and Wonder: A Wiggly Graph

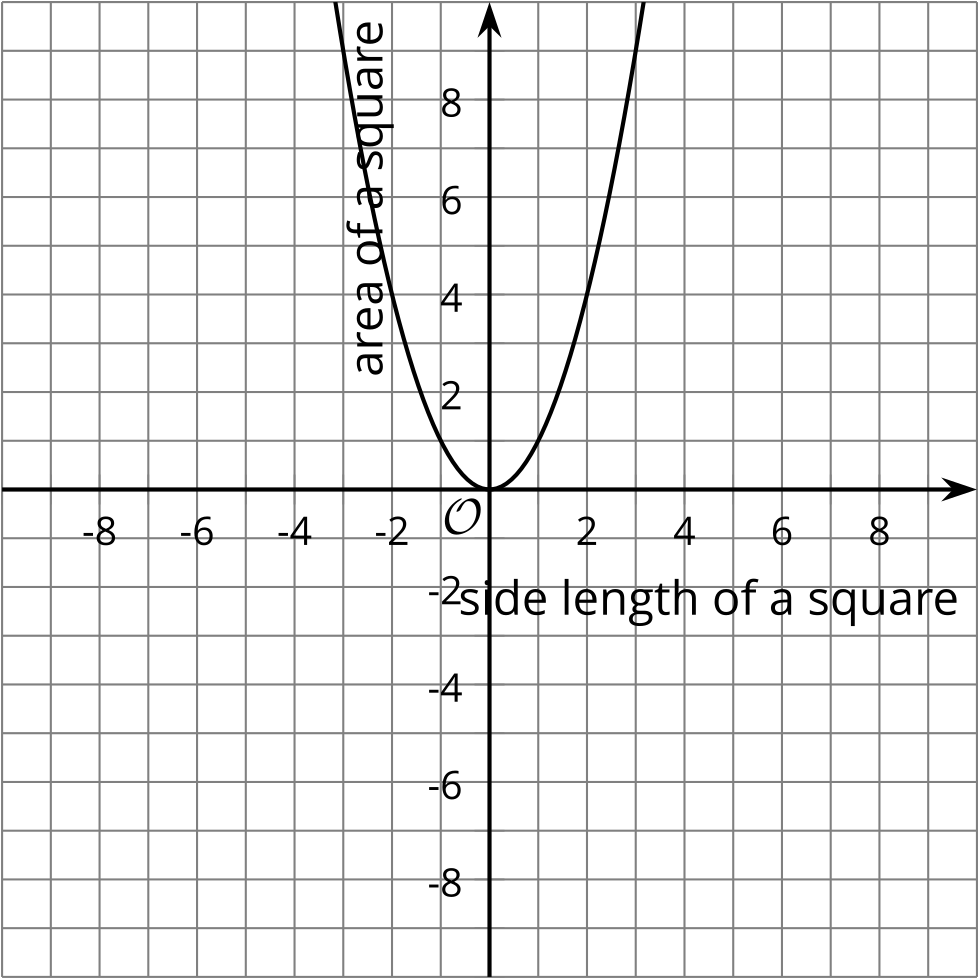
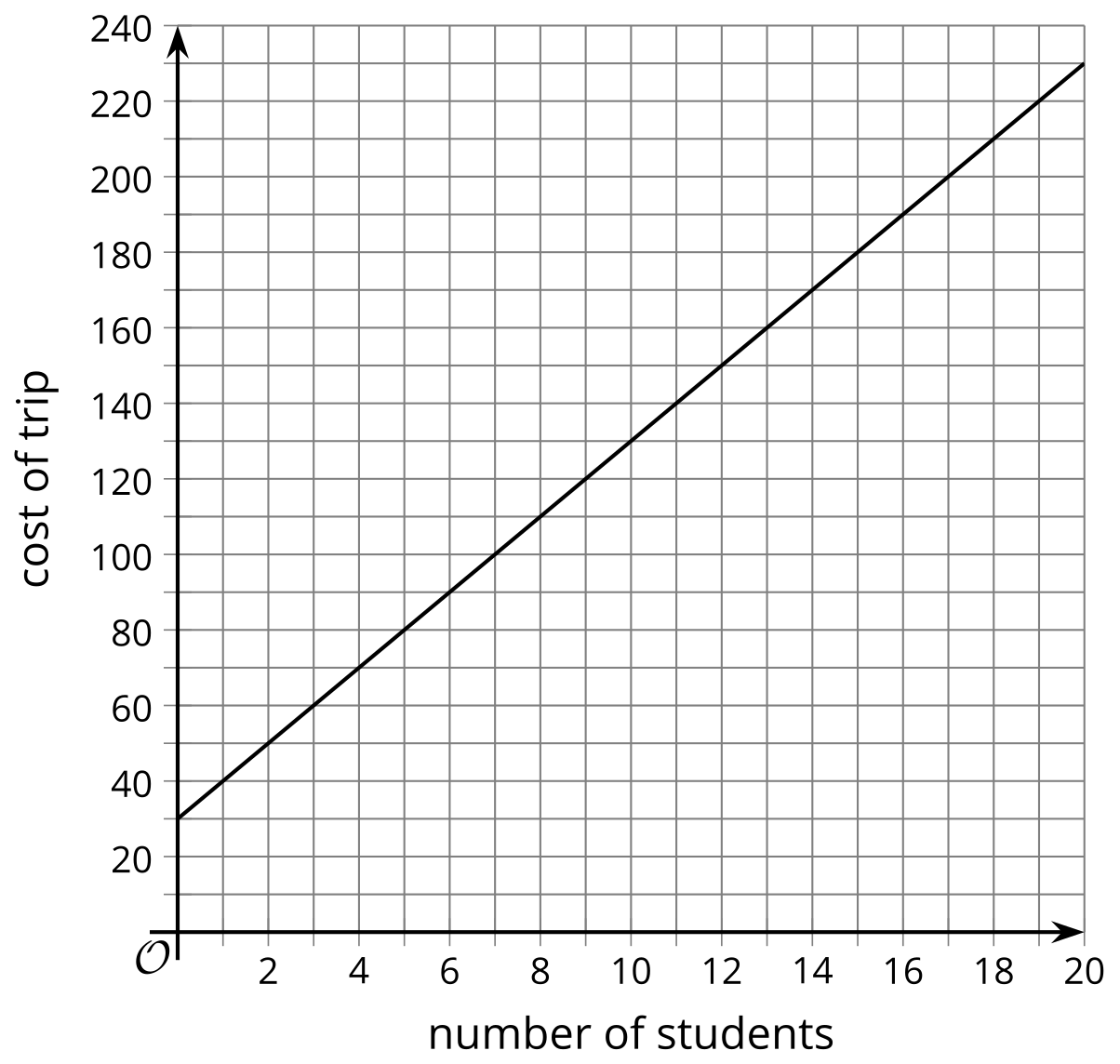
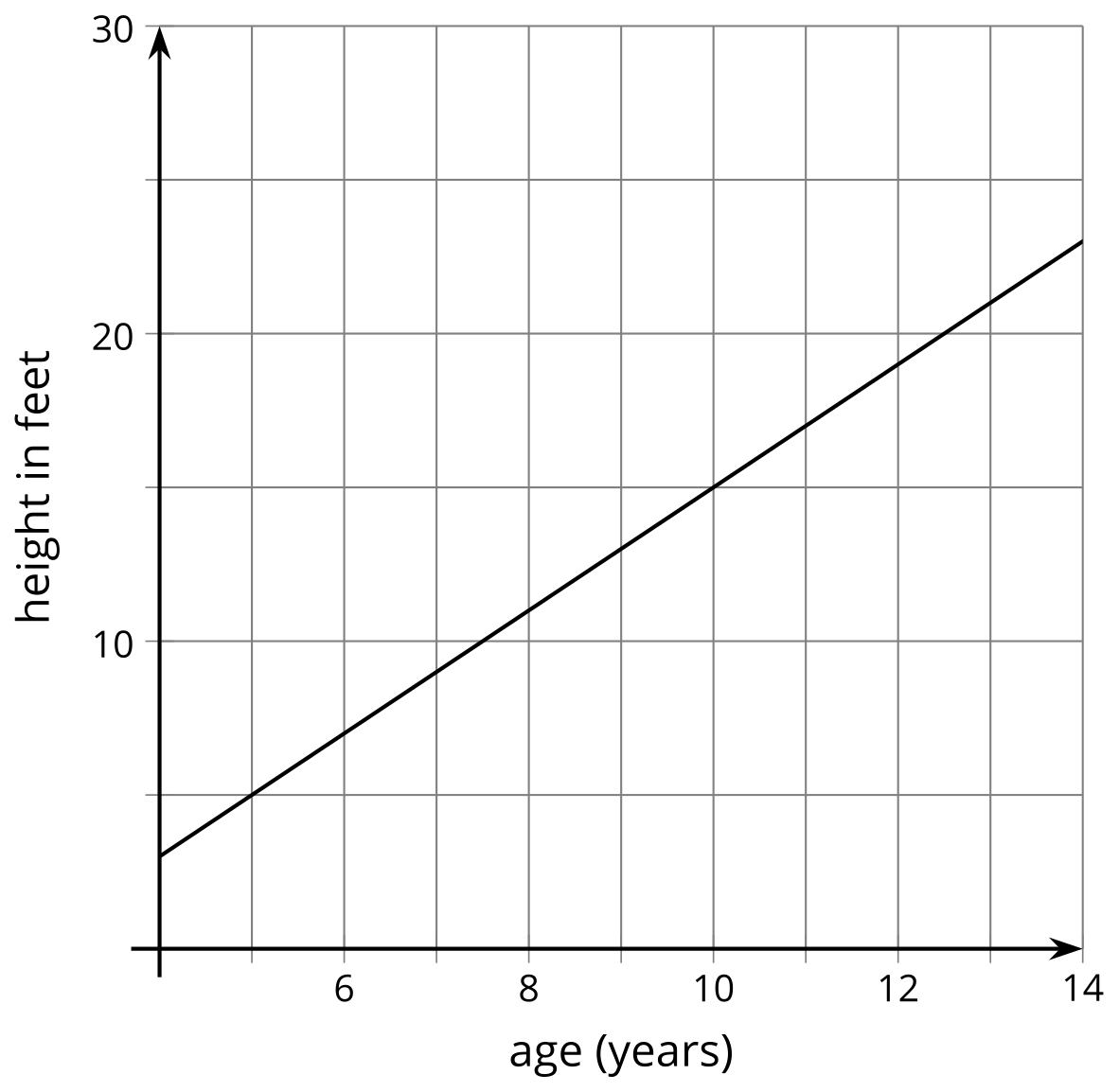
What do you notice? What do you wonder?



### 11.2: Moving Weeds and a Ball

1. Examine these graphs and describe a situation that could match the situation.
   1. 
   2. 
   3. 
2. For each situation, give an example of a value that could be:
   * In the domain
   * Not in the domain
   * In the range
   * Not in the range

### 11.3: Make It Realistic

1. What is wrong with these graphs?
   1. The graph relates the length of a side for a square and the area of the square.
   * 
   1. The graph relates the number of students going on a field trip and the cost of the trip.
   * 
   1. The graph represents Han’s height since he was 4 years old until now when he is 14.
   * 
2. On each graph, draw a more realistic graph.



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