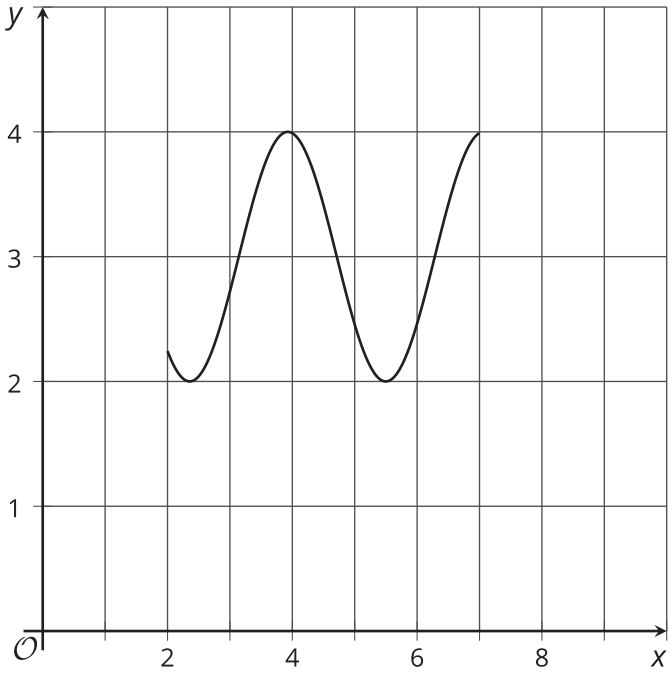
Unit 5, Lesson 11

Examining Domains and Ranges

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

11.1 Notice and Wonder: A Wiggly Graph

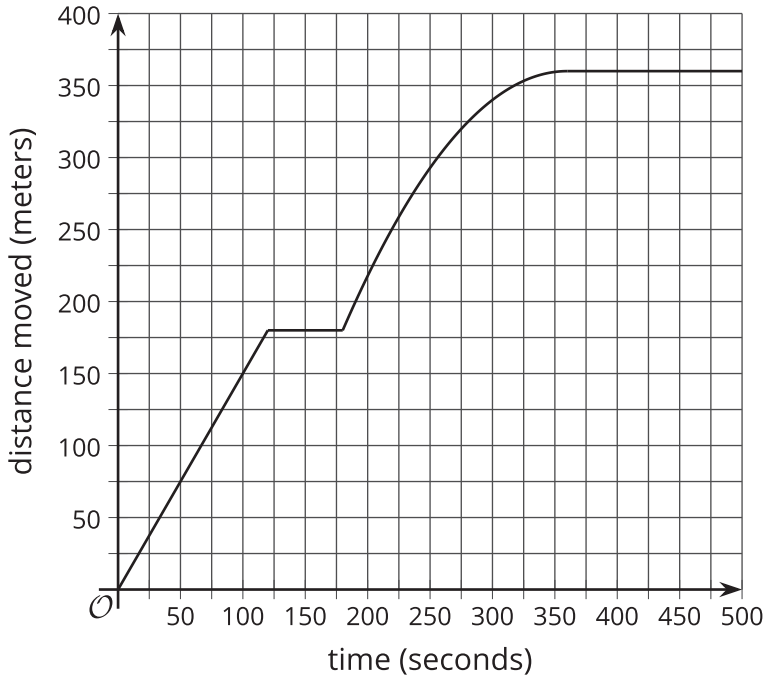
What do you notice? What do you wonder?



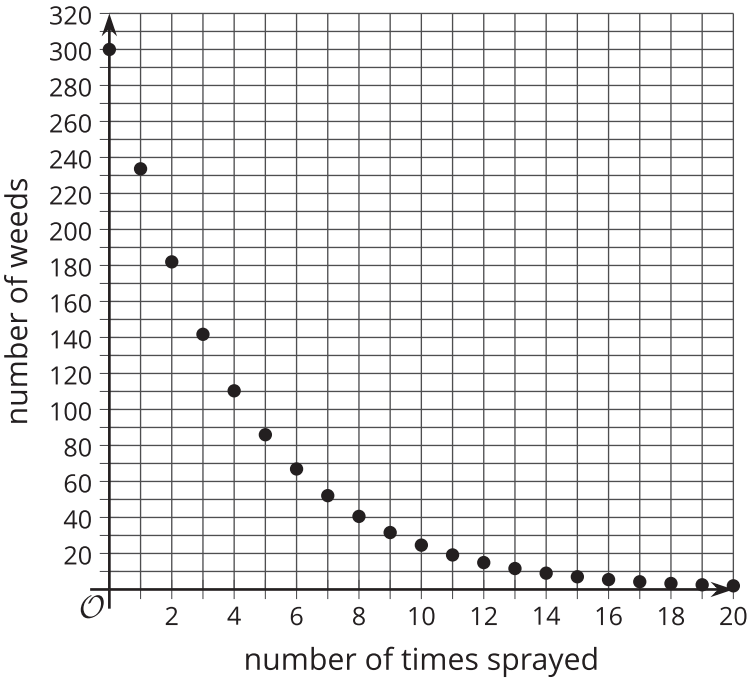
11.2 Moving, Weeds, and a Ball

1. Examine these graphs and describe a situation that could match the situation represented by the graph.

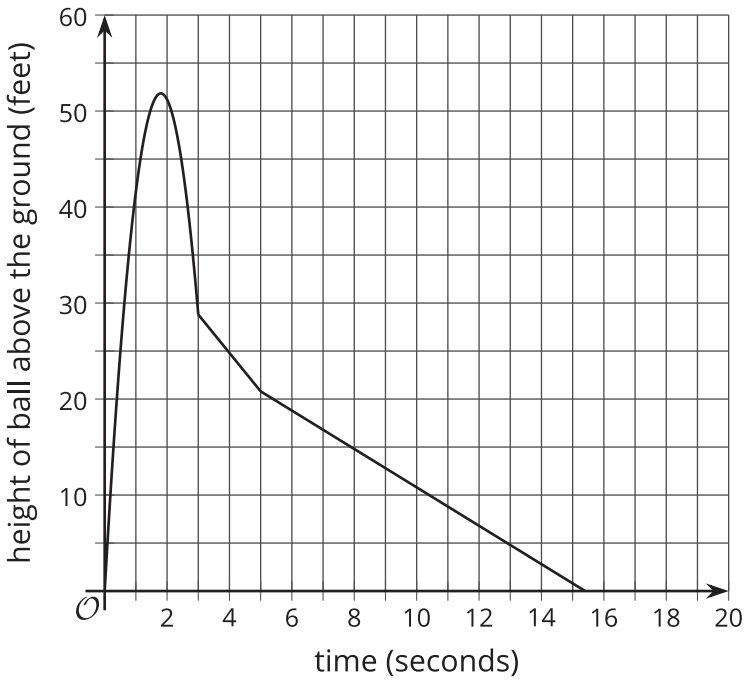
   a.



   b.



c.



2. For each situation, give an example of a value that could be:
   - In the domain.

   - Not in the domain.

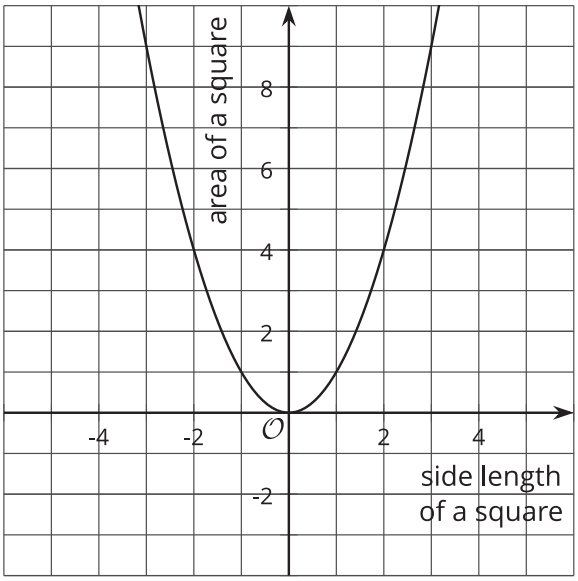
   - In the range.

   - Not in the range.

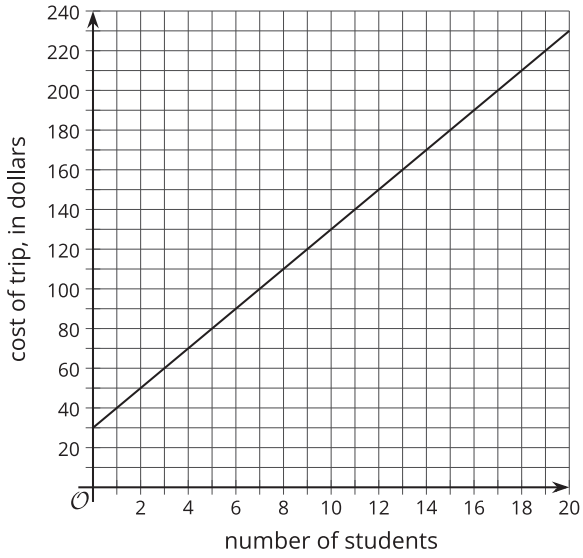
11.3 Make It Realistic

1. What is wrong with these graphs?

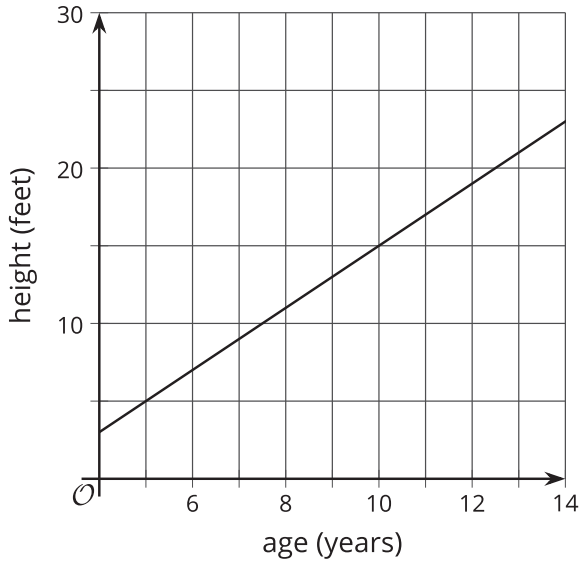
   a. The graph relates the length of a side for a square and the area of the square.



   b. The graph relates the number of students going on a field trip and the cost of the trip.



c. 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.