## Unit 4 Lesson 11: Examining Domains and Ranges

### 1 Notice and Wonder: A Wiggly Graph (Warm up)

#### Student Task Statement

What do you notice? What do you wonder?



### 2 Moving Weeds and a Ball

#### Student Task Statement

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

### 3 Make It Realistic

#### Student Task Statement

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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