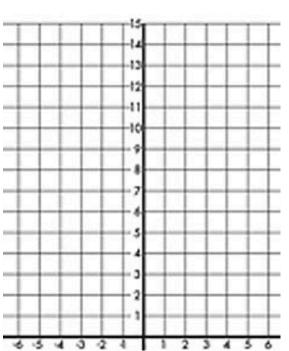
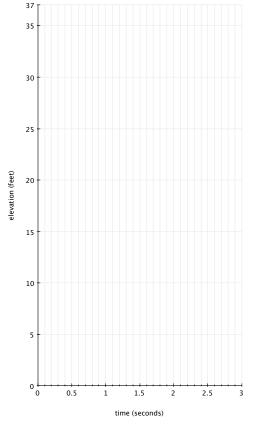
- a. What do you notice about ordered pairs in the table?
- b. What is the relationship between the side lengths of a square and the square's area?
- 5 4 - 3 2
- c. Plot the points from the table. What do you notice about the graph?



## Example 2 - Elevation of a Diver

Slow-Motion	
Time (sec)	Height (ft)

Real-Time	
Time (sec)	Height (ft)
	L]





- a. Estimate the change in elevation from 0 sec to 0.5 sec.
- b. Estimate the change in elevation from 1.0 sec to 1.5 sec.
- c. Is the diver falling faster at the beginning of his jump or towards the end? How do you know?