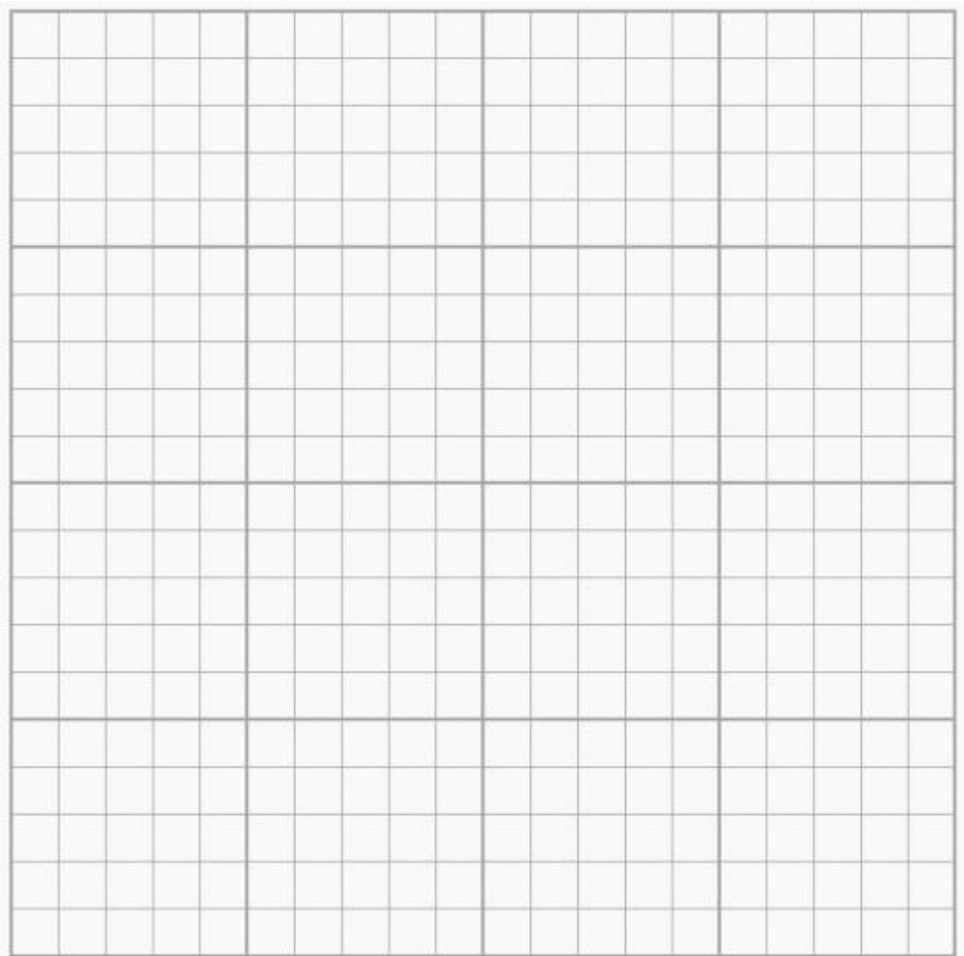**Monday, October 14**

Warm-up: The Ocean Bike Tours partners went on a test ride before opening the tour up to customers.   The (time, distance) data for their ride are shown in the table below. Plot this data on a graph.

Ocean Bike Tours Test Ride

| Time (h)	0	0.5	1.0	1.5	2.0	2.5	3.0	3.5	4.0	5.0	5.5	6.0
Distance (mi)	0	10	19	27	34	39	36	43	53	62	66	72

In Class: Variables & Patterns 1.2 Graphing Jumping Data & Writing tables from graphs.

(Independent & Dependent Variables)

Homework: Use the table and graph from today's warm-up to answer the following questions.

- At what time(s) in the ride were the four business partners riding fast?

- At what time(s) in the ride were the four business partners riding slow?

- What might explain the dip in the distance data between 2.5 and 3.5 hours?

Tuesday, October 15 & Wednesday, October 16

Warm-up: The graph below shows the numbers of cans of juice purchased each hour from a school's vending machine in one day. On the x-axis of the graph, 7 means the time from 7:00 to 8:00, and so on. Make a table to represent the data in the graph. Then share what the data point for (8,20) represents.
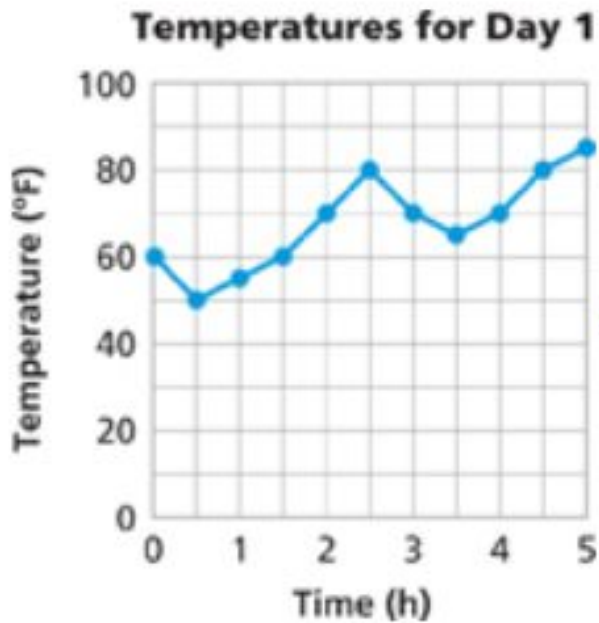
Juice Vending Machine Sales
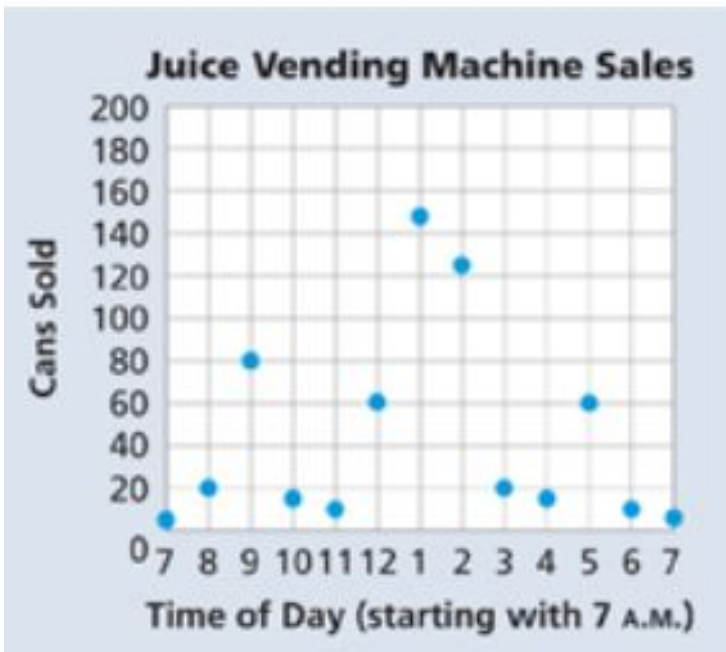
In Class: Variables & Patterns 1.3 Atlantic City to Lewes (IXL BB2, BB10)
Homework: Use the graph and table from today's warm-up to answer the following questions.

- What is the difference between the day's highest and lowest sales of cans of juice?

- During which time interval(s) did the cans of juice sales increase/rise?

- During which time interval(s) did the cans of juice sales decrease/fall?

Thursday, October 17
Warm-up: Here is a graph of temperature data collected on the Ocean Bike Tours test trip from Atlantic City to Lewes.   Make a table of (time, temperature) data from this graph. Then share what the data point for (2, 70) represents.

Temperatures for Day 1

In Class: Lesson 1.4 Lewes to Chincoteague Island (IXL BB2, BB10)
Homework: Use the graph and table from today's warm-up to answer the following questions.
- What is the difference between the day's highest and lowest temperatures?

- During which time interval(s) did the temperature rise the fastest?

- During which time interval(s) did the temperature fall the fastest?

Friday, October 18
Warm-up: Using the graph below, identify the independent variable and the dependent variable.

Average hours of homework per week set for 15 year olds
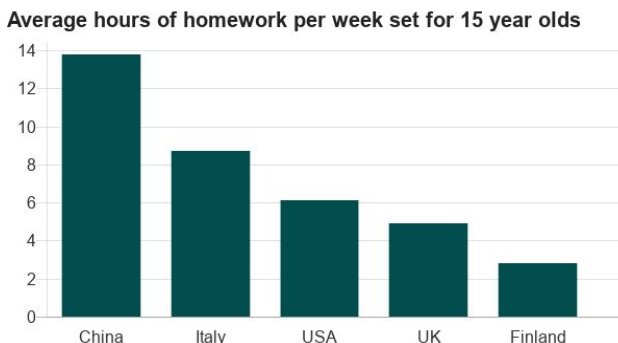
In Class: Variables and Patterns QUIZ 1
Homework: B.A.K. - Be A Kid! Enjoy your weekend with family and friends :)