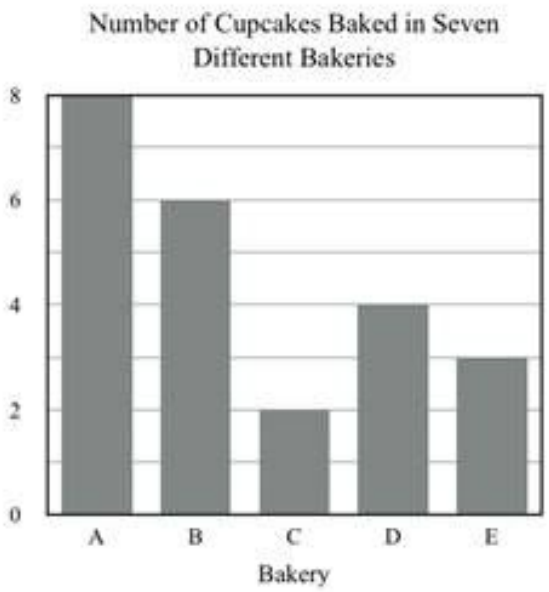
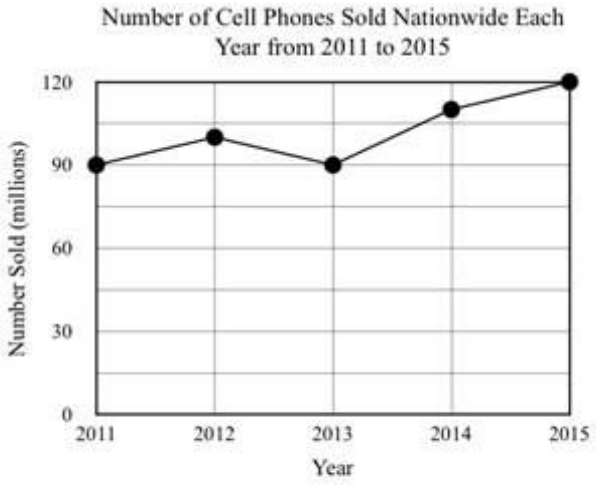
1.



The number of cupcakes baked in five different bakeries on a certain day is shown in the graph above. If the total number of cupcakes baked in Bakery B and Bakery D combined is 1,000, what is the appropriate label for the vertical axis of the graph?

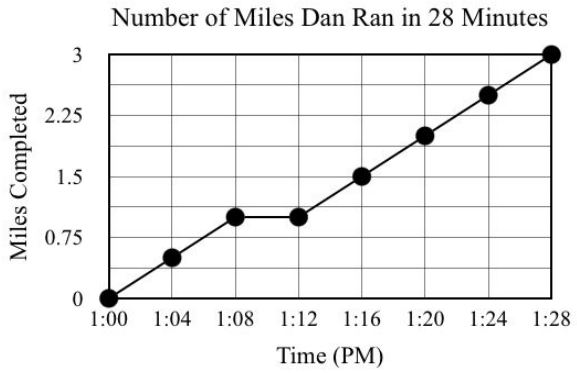
A) Number of cupcakes (in tens)
B) Number of cupcakes (in hundreds)
C) Number of cupcakes (in thousands)
D) Number of cupcakes (in ones)

2.



According to the line graph above, the number of cell phones sold nationwide in 2015 is what percentage of the number of cell phones sold in 2011 and 2013 combined?

3.



Dan takes 28 minutes to run 3 miles. The graph above shows the time intervals in which he runs the 3 miles. For how many minutes did Dan stop to rest during his run?

A) 0 minutes
B) 4 minutes
C) 8 minutes
D) 12 minutes

4.

	Age		Total
Gender	Under 10	10 or older	
Male	5	13	18
Female	12	3	15
Total	17	16	33

The table above shows the distribution of age and gender for students who entered a race. IF the race winner will be selected at random, what is the probability that the winner will be either a male under age 10 or a female age 10 or older?

A) 8/33
B) 25/33
C) 15/33
D) 16/33

5.

The graph above shows the number of bracelets a company sold over the course of 10 weeks. During which of the 10 weeks did bracelet sales increase?

A) Weeks 1-5 and Weeks 8-9
B) Weeks 5-8 and Weeks 9-10
C) Weeks 1-5 and Weeks 8-9
D) Weeks 1-8

6.

Location	Acceleration (m/sec^2)
A	2.8
B	4.0
C	3.2
D	4.8

The chart above shows the approximate accelerations due to gravity, in meters per second squared, of 4 different locations. The weight of an object at a given location can be calculated by using the formula W=mg. W is the weight of an object in newtons, m is the mass of an object in kilograms, and g is the acceleration due to gravity at a location measured in meters per second squared.

An object weighs 48 newtons at Location B. Where would the same object weigh 57.6 newtons?

A) Location A
B) Location C
C) Location D
D) None of the Above

7.

Heights of the Players on the Panthers Basketball Team

Player Name	Height (in.)	Player Name	Height (in.)
Jake	74	Stephen	80
Robbie	73	Parker	70
Calvin	72	Alex	73
Matthew	77	Chris	76
Eric	75	Andrew	74
Avery	78	Isaiah	68

The heights of the players on the Panthers basketball team are listed above. Using the information in the table, find the mean height in inches of the players. (Round your answer to the nearest tenth).

8.

Pizza Sales at a Local Pizzeria

	Type of Pizza				
Serving	Cheese	Pepperoni	Vegetable	Sausage	Total
Single Slice	45	25	15	20	105
Whole	20	15	15	10	60
Total	65	40	30	30	165

The table above represents the 165 sales made at a local pizzeria in one day. The sales are categorized by type of pizza and whether a whole slice or pie was purchased. What proportion of the pizza sales were single slices of vegetable pizza?

A) 15
B) 24
C) 16
D) 11

9.

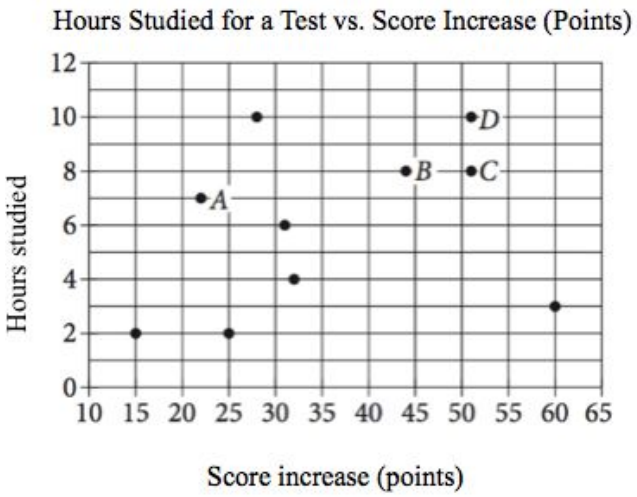
Number of Books Read in an Elementary School, For a Book Report

	Grade Level					
Genre	1st	2nd	3rd	4th	5th	Total
History	30	10	40	50	80	210
Realistic Fiction	60	100	100	80	60	400
Fantasy	80	60	50	40	60	290
Sci-Fi	40	40	20	40	10	150
Total	210	210	210	210	210	1050

The table above shows the number of students, by grade level, that chose either history, realistic fiction, fantasy, or science fiction for their book reports. If a student is chosen at random, from the 4th grade, which of the following is the probability that the student chose a fantasy novel?

A) 5.25
B) .19
C) .72
D) 40

10.



The scatterplot above represents the relationship between the amount of hours students studied for a test versus their test score increases. How many hours did the student who had the highest test score increase, study?

A) 3
B) 10
C) 2
D) 5