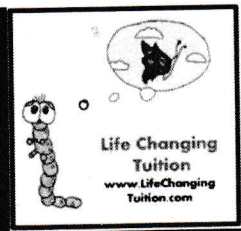
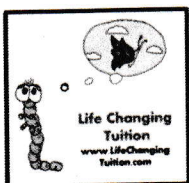
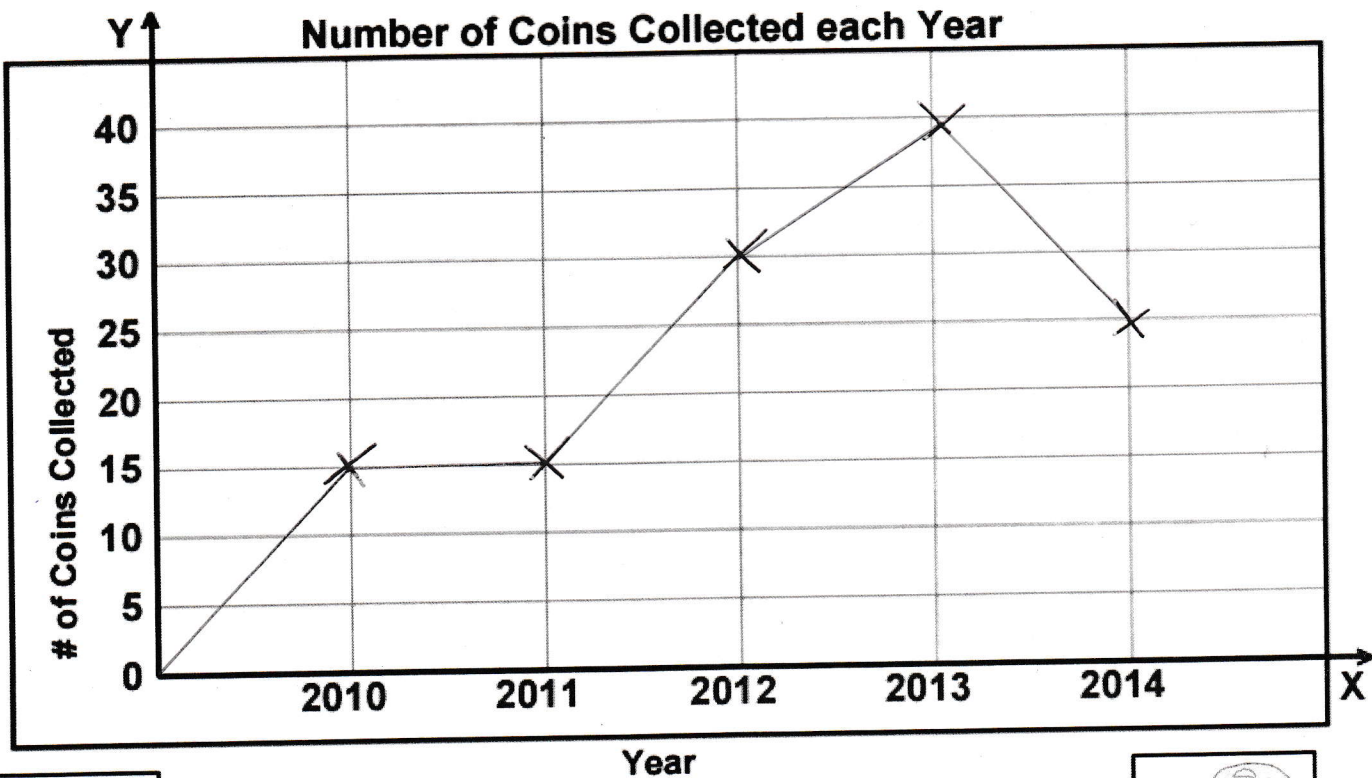
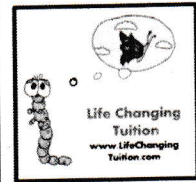
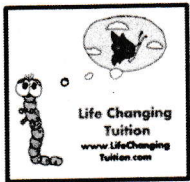


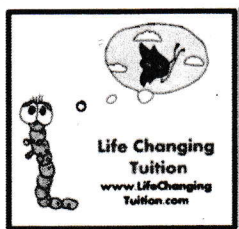
Coordinates, Graphs and Pie Charts (1)



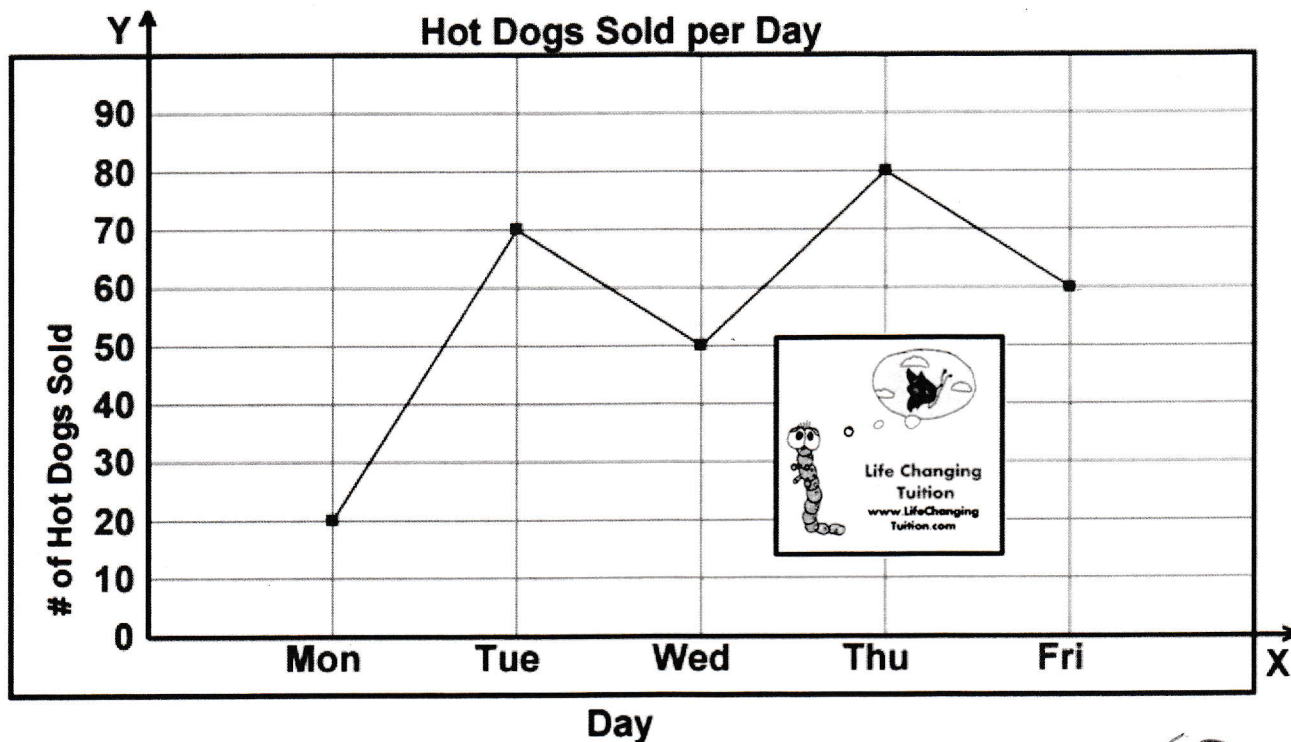
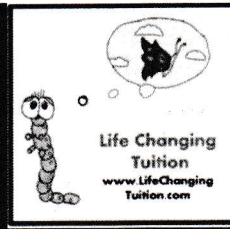
Graph the given information as a line graph.

Year	# of Coins Collected
2010	15
2011	15
2012	30
2013	40
2014	25





Coordinates, Graphs and Pie Charts (2)



How many hot dogs were sold on Fri?

60

How many hot dogs were sold on Wed?

50

Did the number of hot dogs sold incr. or decr. between Tue and Wed?

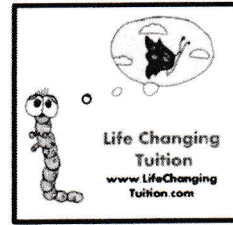
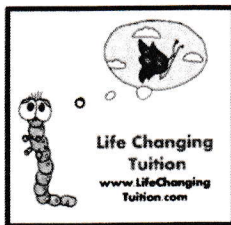
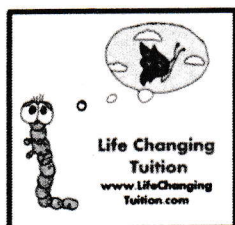
Decrease

Were more hot dogs sold in Mon or Thu?

Thursday

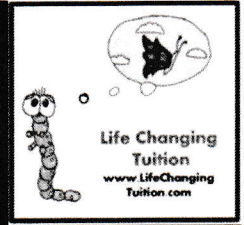
Which day had the fewest number of hot dogs sold?

Monday

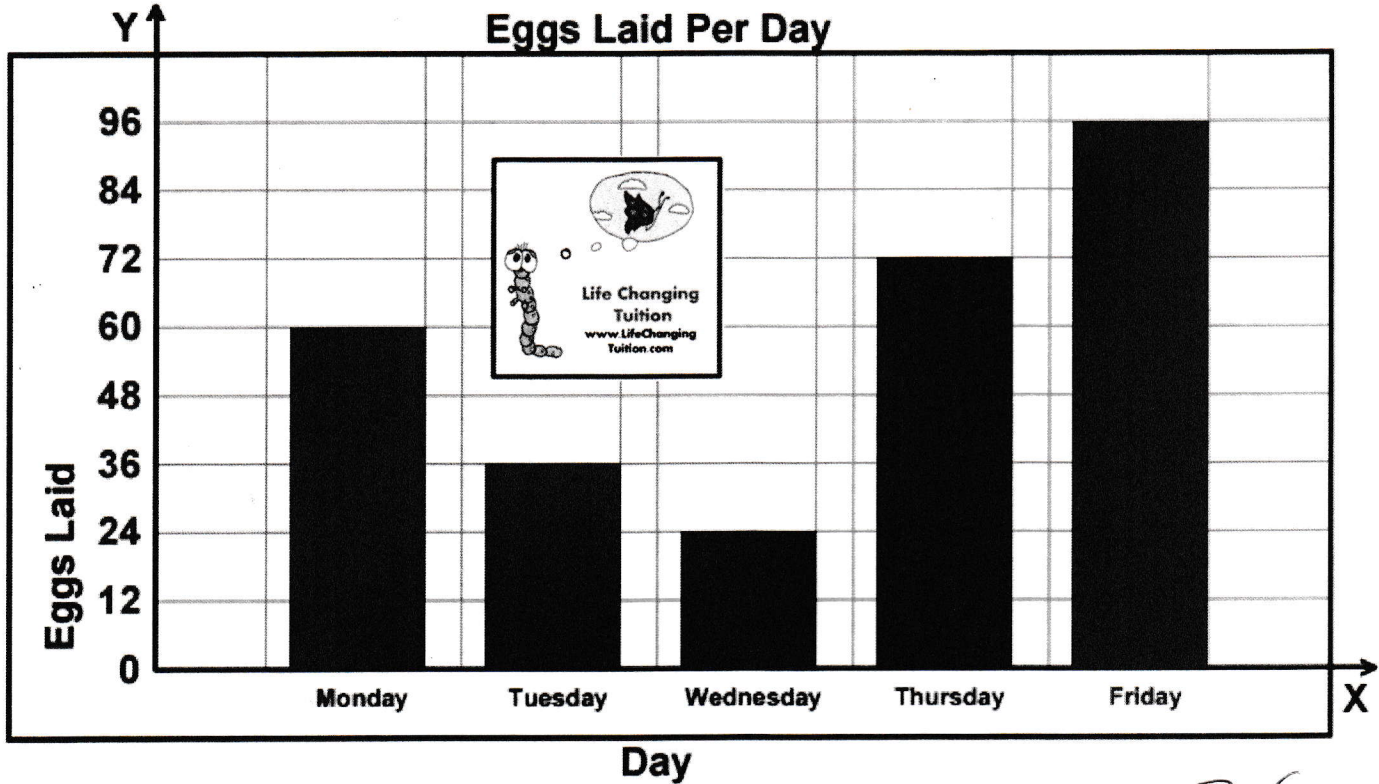




Coordinates, Graphs and Pie Charts (3)



Answer the following questions based off the bar graph.



How many eggs were laid on Tuesday?

36

How many eggs were laid on Thursday?

72

Did the number of eggs laid increase or decrease between Monday and Tuesday?

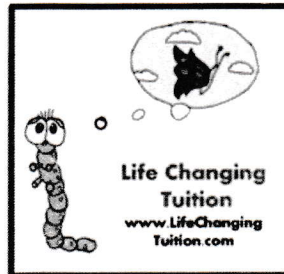
Decrease

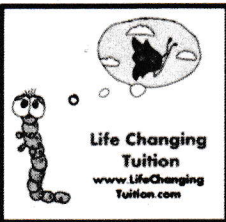
Were more eggs laid on Wednesday or Friday?

Friday

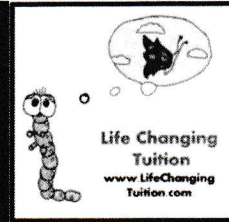
Which day had the fewest number of eggs laid?

Wednesday





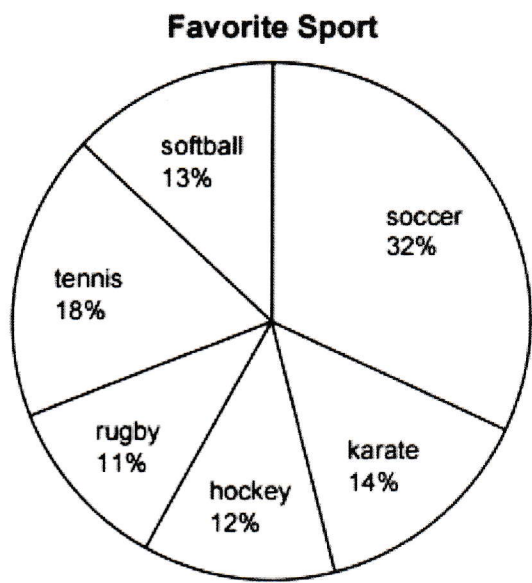
Coordinates, Graphs and Pie Charts (4)



Reading Pie Graphs

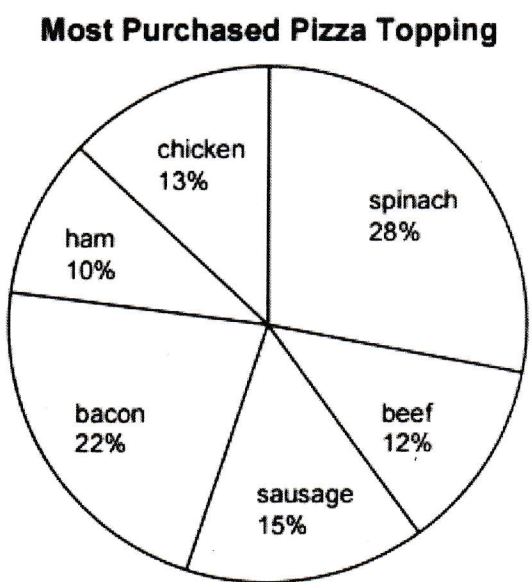
One high school tracked its students's favorite sports by having the kids vote. Answer the questions based on the pie graph below.

- Which sport is the least popular among the students? Rugby
- Which two sports account for half of the votes? Soccer and tennis
- What percentage of students chose hockey or soccer? 44%
- What percent of those polled voted for softball? 13%
- Which sport is the most popular? Soccer



A local pizzeria tracked which pizza toppings customers purchased. Answer the questions based on the pie graph below.

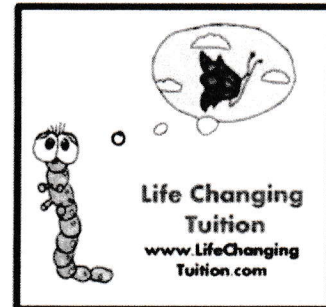
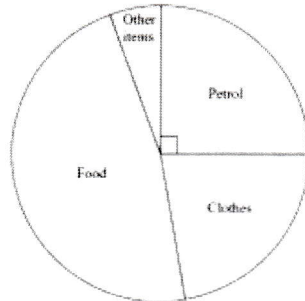
- What percentage of customers chose the spinach or the ham? 38%
- Which topping is the most popular? Spinach
- What percentage of customers picked chicken? 13%
- Which two toppings account for half of the purchases? Spinach and bacon
- Which topping is the least popular among customers? ham



Coordinates, Graphs and Pie Charts (5)

Mrs Yusuf went shopping at a superstore.

The pie chart shows information about the money she spent on petrol, on clothes, on food and on other items.



(a) What did she spend most money on?

Food

(b) What fraction of the money she spent was on petrol?

$\frac{1}{4}$

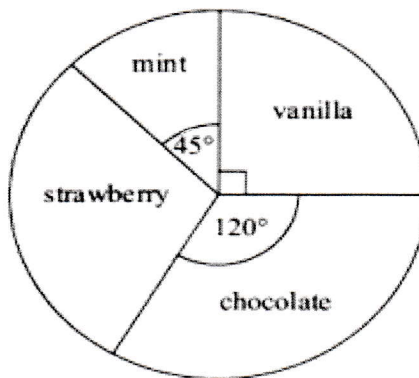
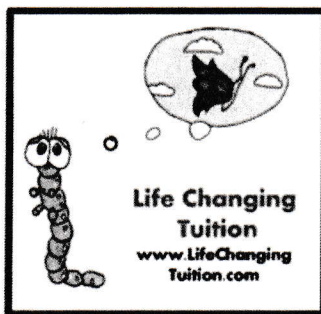
Mrs Yusuf spent £25 on petrol at the superstore.

(c) In total, how much money did she spend?

$$\begin{aligned} \div \frac{1}{4} \text{ of } \square &= 25 \\ \times 4 & \\ 25 \div 1 \times 4 &= 100 \end{aligned}$$

£ 100

Some children were asked to name their favourite flavour of ice cream. The pie chart and table show some information about their answers.



$$\begin{aligned} \div \frac{1}{4} \text{ of } \square &= 12 \\ \times 4 & \\ \text{Total} &= 48 \\ \text{Quantity} &= 48 \end{aligned}$$

Use the pie chart to complete the table.

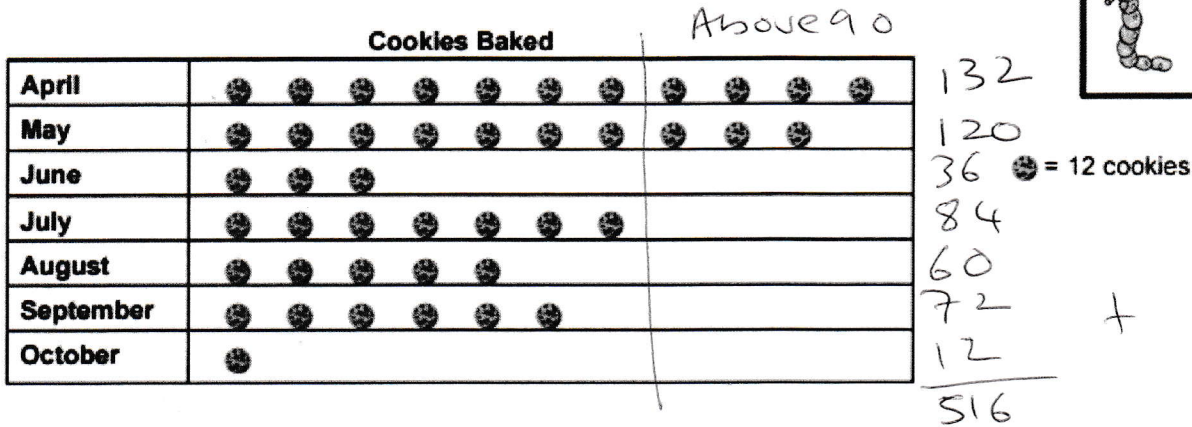
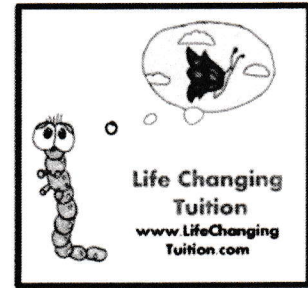
Flavour	Number of children	Angle of sector
vanilla	12	90°
mint	6	45°
strawberry	14	105° (360° - 90° - 45° - 120°)
chocolate	12	120°

Chocolate ① Degrees = 120°
② Fraction = $\frac{120}{360} = \frac{1}{3}$



Interpreting Pictographs

Sarah tracked the number of cookies she baked over seven months. Answer the questions based on the pictograph below.



- If in any one month Sarah bakes atleast 90 cookies, then Sarah can sell extra cookies to make money. Which months did Sarah get to sell extra cookies? If that never occurred, write 'None'. *(months above or equal 8 cookies)*
- In total, how many cookies did Sarah bake in the tracked months?
- Did Sarah bake more cookies in the month of June or in July?
- During which month did Sarah bake the greatest number of cookies?
- During which month did Sarah bake the fewest number of cookies?
- How many cookies were baked by Sarah in the month of May?
- How many cookies did Sarah bake during September?

April & May

516

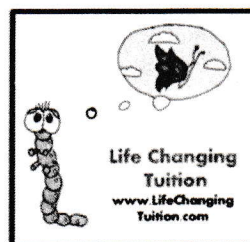
July

April

October

120

72

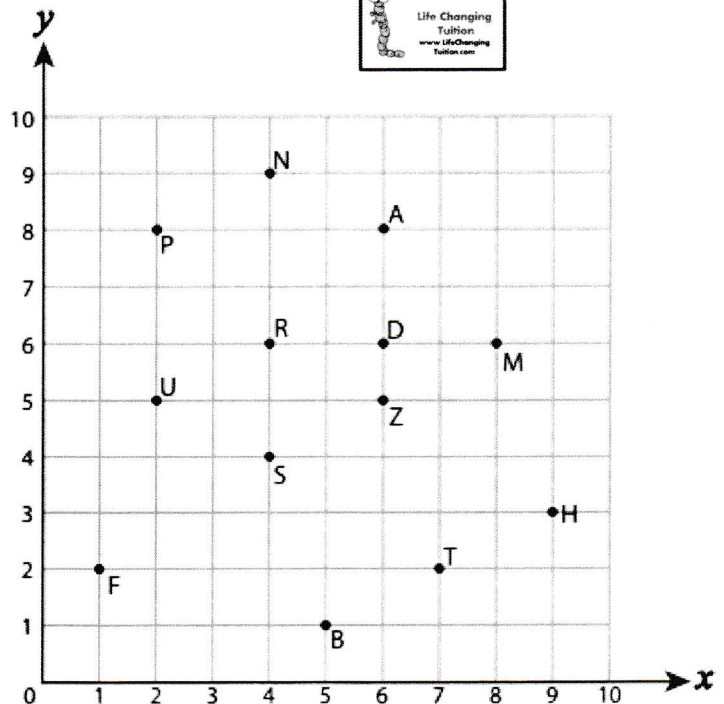




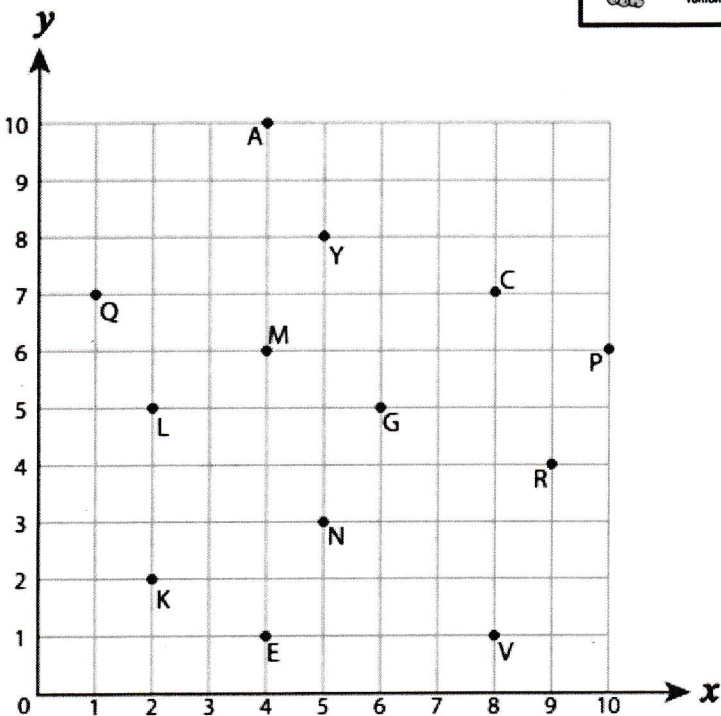
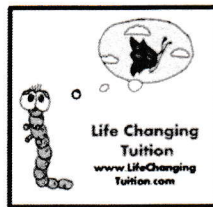
Coordinates, Graphs and Pie Charts (7)

A) Write the point that is located at each ordered pair.

- 1) (2, 5) U
- 2) (4, 6) R
- 3) (9, 3) H
- 4) (7, 2) T
- 5) (6, 6) D
- 6) (8, 6) M
- 7) (4, 9) N
- 8) (4, 4) S
- 9) (5, 1) B
- 10) (1, 2) F



B) Write the ordered pair for each point.



- 11) G (6, 5)
- 12) V (8, 1)
- 13) R (9, 4)
- 14) C (8, 7)
- 15) E (4, 1)
- 16) L (2, 5)
- 17) Q (1, 7)
- 18) A (4, 10)
- 19) Y (5, 8)
- 20) K (2, 2)