

St. Andrews Scots Sr. Sec. School

9th Avenue, I.P. Extension, Patparganj, Delhi – 110092

Session: 2024-2025 - Worksheet

Class:VIII

Subject:Maths

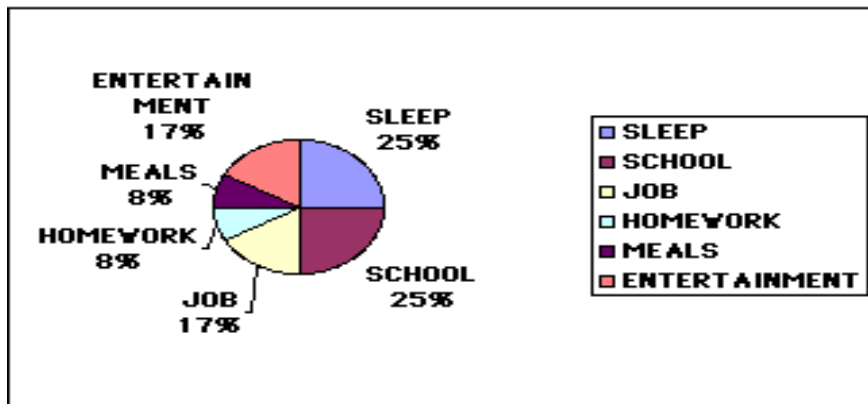
Topic:Linear Graph

- Q1. Following table shows the weight in kilograms of some fruit sold one day by a local market. Draw the bar chart to represent the data.

Name of the fruit	Weight in kilogram
Papaya	16
Star fruit	8
Mangoes	24
Oranges	40
Apples	52

- Q2. Following graph shows the time spent by the student on various activities. By looking at this graph answer the question given below.

Percent of Hours of a Day Spent on Activities



- a. What percent of total hours of the day does a student spend sleeping?
b. What percent of total hours of the day does a student spend doing homework?
c. On which activity does a student spend most of his/her time?
d. How many hours of the day, does the student spend at school?
e. How many hours of the day does the student spend on meals?
- Q3. Draw the graphs for the following tables of values, with suitable scale on the axes.

Distance travelled by a car

Time (in hours)	6 a.m.	7 a.m.	8 a.m.	9 a.m.
Distance (in km)	40	80	120	160

Answer the following questions on the basis of graph.

1. How far had the car travelled at 6.30 a.m.?
2. At what time of the day had the car travelled 140 km?

Q4. The following table gives the quantity of natural oil and its cost.

No. of litres of natural oil	10	15	20	25
Cost of petrol in Rs.	500	750	1000	1250

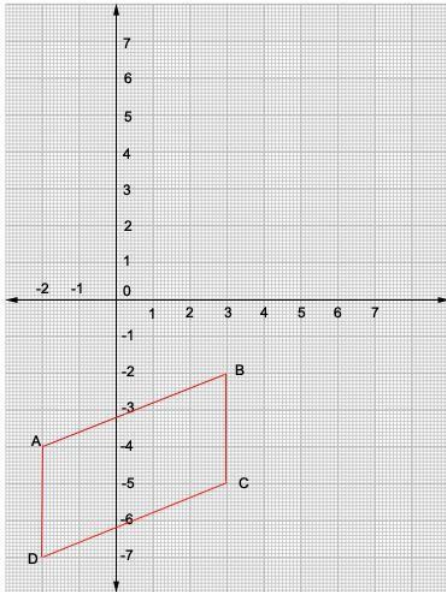
Plot the graph to show the data.

Q5. Draw a line passing through (2, 4) and (4, 2). Find the coordinates of the points at which this line meets the x-axis and y-axis.

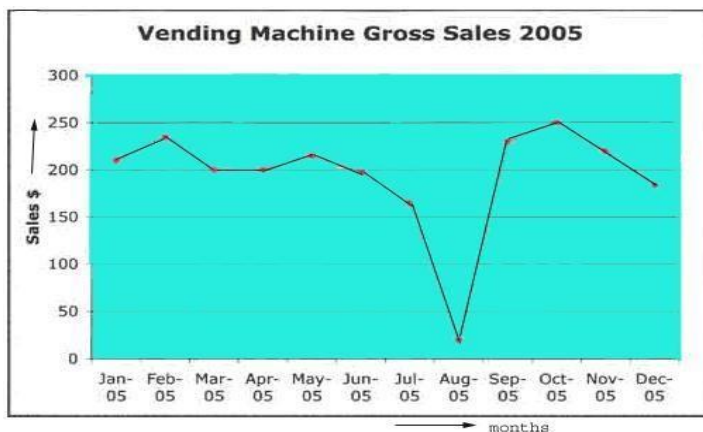
Q6. Using graph paper plot the following points:

- a. (-3, 6) b. (-2, 4) c. (1, -2) d. (4, -4)

Q7. Write the coordinates of the vertices of the figure given:



Q8. From the graph given here, answer the questions given below.

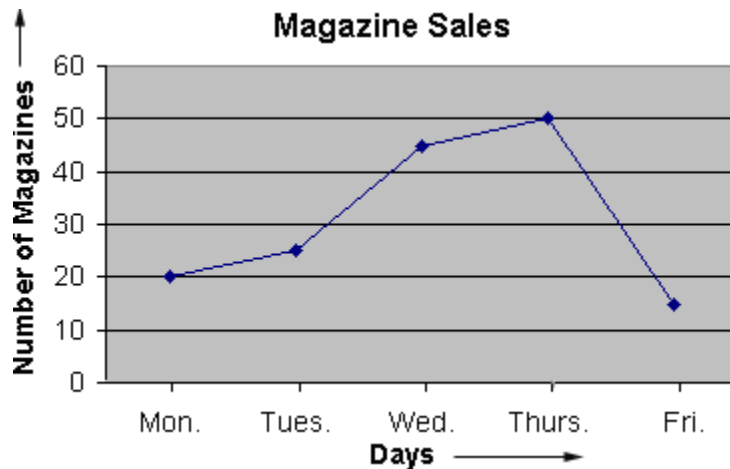


- In which month were gross sales at their highest point?
- In which month did gross sales reach their lowest point?
- What was the change in gross sales from March 2005 to April 2005?
- What was the change in gross sales from July 2005 to August 2005?
- What was the change in gross sales from April 2005 to May 2005?

Q9. Draw the line graph with the information given? Average Daily Temperature for January 1-7 in Degrees Fahrenheit

Date	Temperature
1	10
2	25
3	30
4	42
5	23
6	25
7	40

Q.10



- How many magazines were sold on Monday?
- How many magazines were sold on Wednesday?
- On which day was the highest number of magazines sold?
- On which day was the least number of magazines sold?