



## Int'l Jubilee Private School

### American Syllabus

# Plotting Line Graph

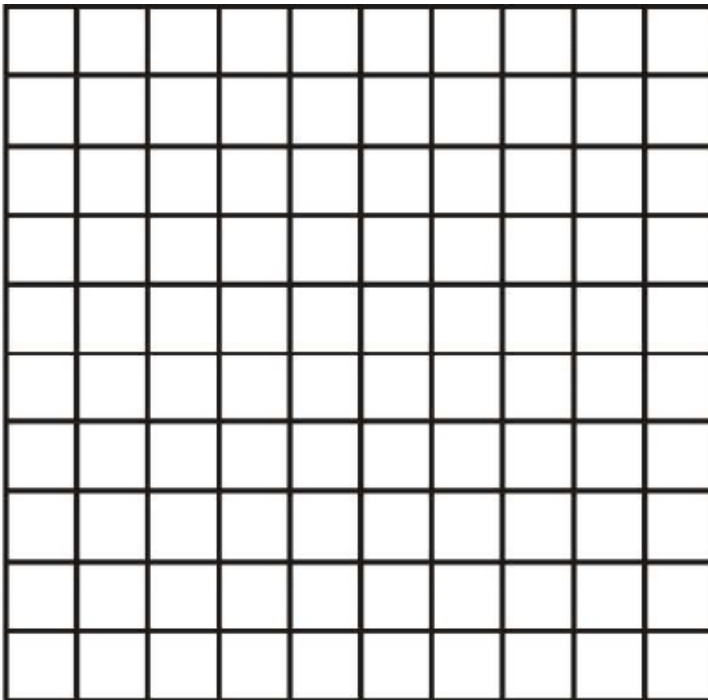
Paul and his brother Alex put part of their allowance in their savings account each month. The table shows how much money was in each boy's account for four months.

Your graph should include a title and axis labels.

You should show the scales on your graph.

Your data should be graphed accurately.

	Paul	Alex
January	\$10.00	\$ 8.00
February	\$16.00	\$18.00
March	\$22.00	\$24.00
April	\$30.00	\$28.00

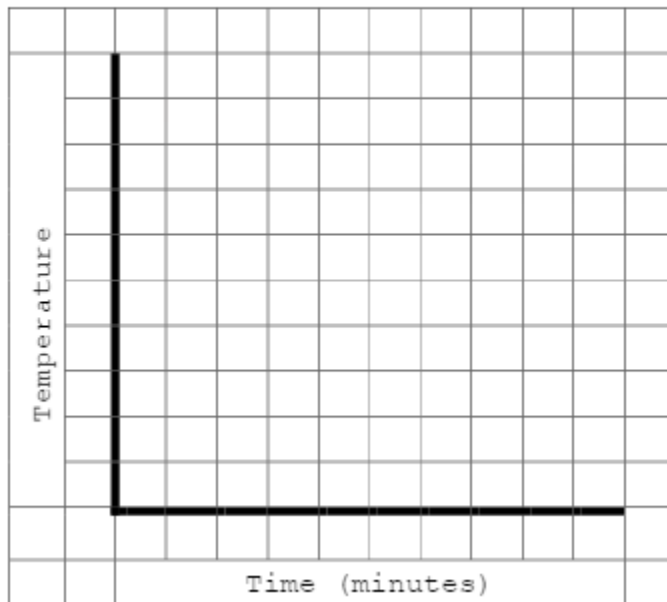


### Plotting Line Graphs

The table below shows how quickly a beaker of water was heated up using a Bunsen Burner.

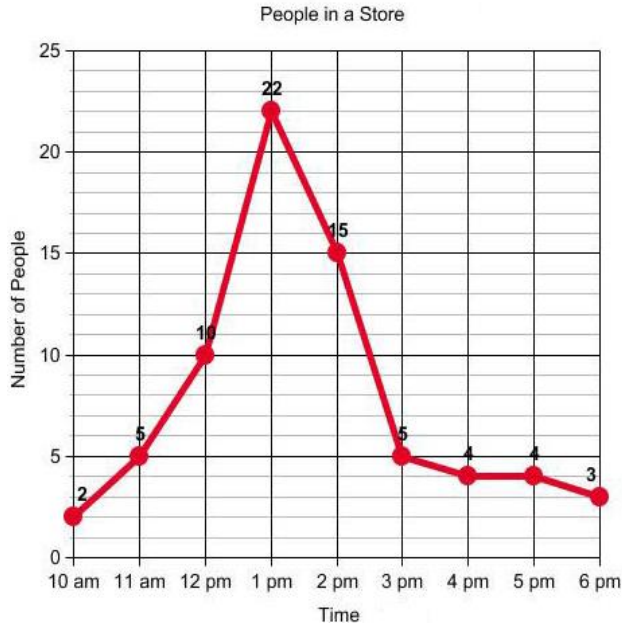
Time (minutes)	Temperature (°C)
0	10
1	20
2	30
3	50
4	60
5	60
6	70
7	80
8	80
9	90
10	100

Plot the information on this line graph.





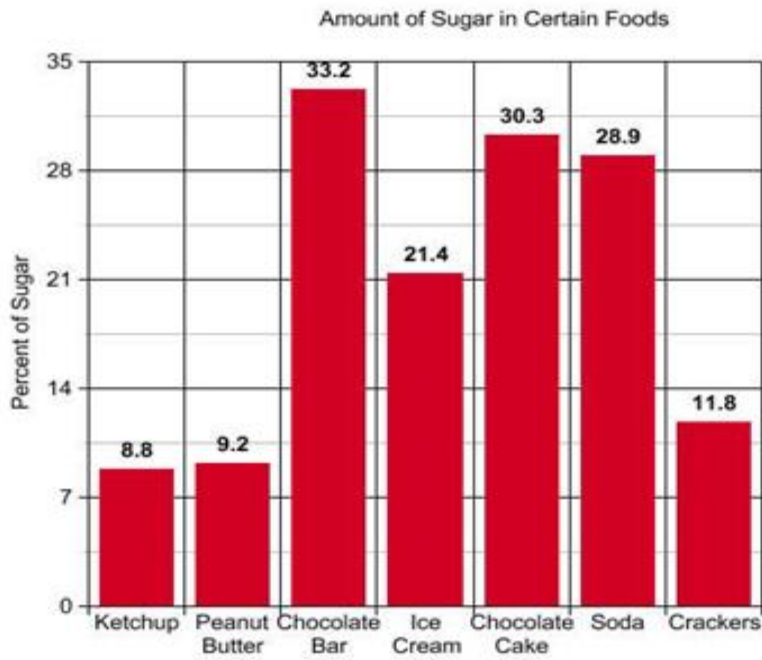
The line graph below shows people in a store at various times of the day.



**QUESTION**

1. What is the line graph about?
2. What is the busiest time of day at the store?
3. At what time does business start to slow down?
4. How many people are in the store when it opens?
5. About how many people are in the store at 2:30 pm?
6. What was the greatest number of people in the store?
7. What was the least number of people in the store?

The amount of sugar in 7 different foods was measured as a percent. The data is summarized in the bar graph below.



### **QUESTION**

1. What is the title of this bar graph?
2. What is the range of values on the (vertical) scale?
3. How many categories are in the graph?
4. Which food had the highest percentage of sugar?
5. Which food had the lowest percentage of sugar?
6. What percentage of sugar is in soda?
7. What is the difference in percentage of sugar between ice cream and crackers?