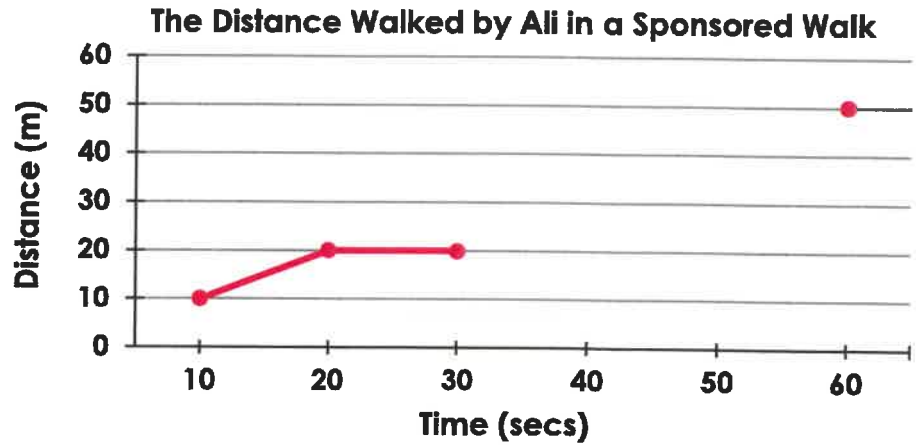


Ruby

Draw Line Graphs

1a. The table and line graph below show the distance Ali walked in a sponsored walk. Join the points in the line graph to estimate the missing distances in the table below.

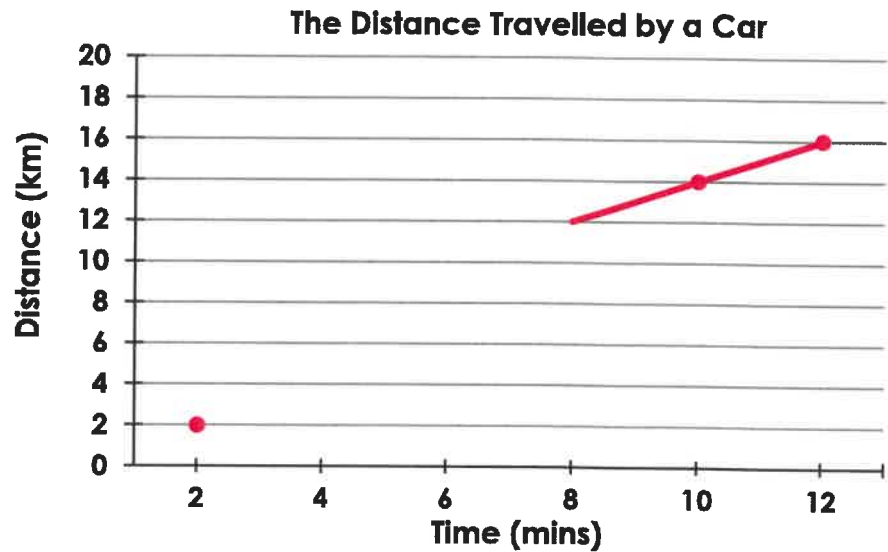
Time (secs)	Distance (m)
10	10
20	20
30	20
40	
50	
60	50



VF

2a. The table and line graph below show the distance travelled by car. Use the information in the table to complete the line graph.

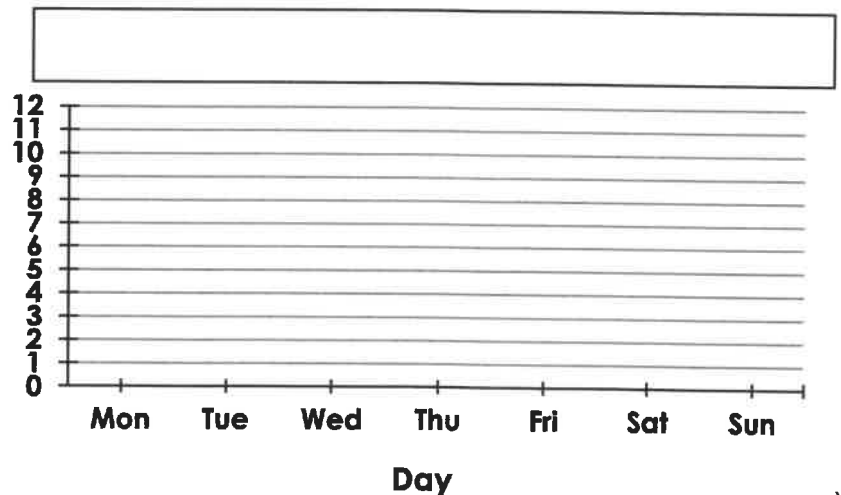
Time (mins)	Distance (km)
2	2
4	6
6	10
8	12
10	14
12	16



VF

3a. The table and line graph below show the average temperature in a week in Glasgow. Complete the line graph by adding in the missing elements, including titles. Use the information in the table to help you.

Day	Temp ($^{\circ}$ C)
Mon	8
Tue	9
Wed	10
Thu	7
Fri	10
Sat	11
Sun	12



VF

Draw Line Graphs

1a. Roger is creating a line graph to show the population growth in Beijing from 2000 to 2004.



The population in 2000 was 10 million. At its highest in 2004, it was 13 million. I will use intervals of 2 million for the population axis.

Will his line graph work? Draw a line graph to help you explain why.



R

Draw Line Graphs

1b. Aleia is creating a line graph to show the average speed of a train in a 10 minute period.



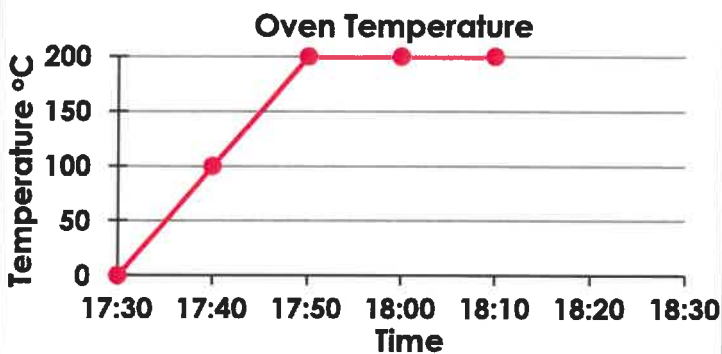
The average speed of the train was 20mph at 1 minute. It reached its maximum speed of 60mph at 10 minutes. I will use intervals of 10mph for the speed axis.

Will her line graph work? Draw a line graph to help you explain why.



R

2a. Part of this line graph is missing. It should show up to 18:30.

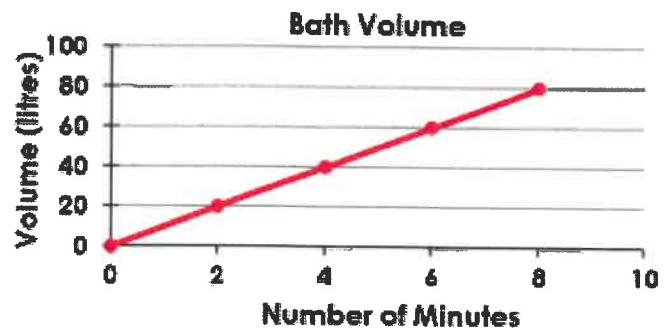


At 18:10 the oven was turned off. Draw the completed line graph.



PS

2b. Part of this line graph is missing. It should show the volume of a bath over ten minutes.



The bath taps were turned off at 8 minutes. Draw the completed line graph.



PS

3a. Toby has created a line graph to show how many steps he took in a 5 hour period.

He says,



My line graph uses increments of 1,000 steps. The two titles I have used are 'Numbers of Steps' and 'Hour'. I walked 1,000 steps per hour.

Use these pieces of information to draw a line graph.



PS

3b. Ling has created a line graph to show the number of kilometres she walked each day for 5 days.

She says,



My line graph uses increments of 1km. The two titles I have used are 'Distance (km)' and 'Day'. I walked 2km every day.

Use these pieces of information to draw a line graph.



PS