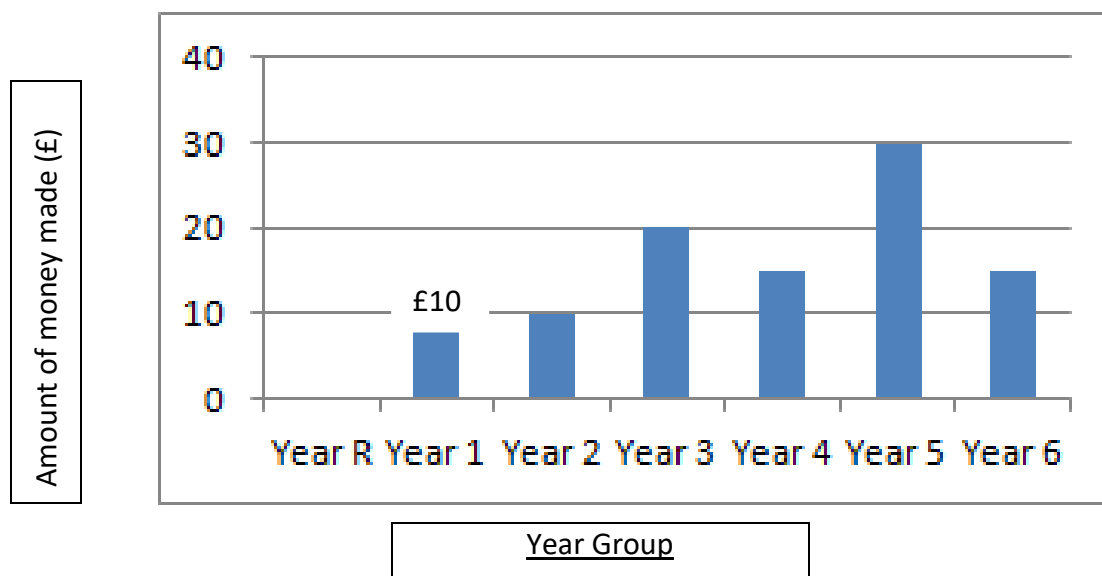


LO: To be able to interpret information from a graph.

A bar chart to show the amount of money raised for charity in each year group.



1. Write the amount of money each year group made above the year groups bar. One has been done for you.

2. Which year group raised the most amount of money?

3. Which year group raised the least amount of money?

4. How much more money did year 3 raise than year 4?

5. How much more money did year 5 raise than year 6?

6. How much more money did year 6 raise than year 2?

7. How much less money did year 1 raise than year 4?

8. How much less money did year 4 raise than year 5?

9. How much money did year 1, year 2 and year 3 raise altogether?

10. How much money year 4, year 5 and year 6 raise altogether?

12. How much money did all the year groups raise altogether?

13. If the school wanted to raise £125 for their charity, how much more do they still need to raise?

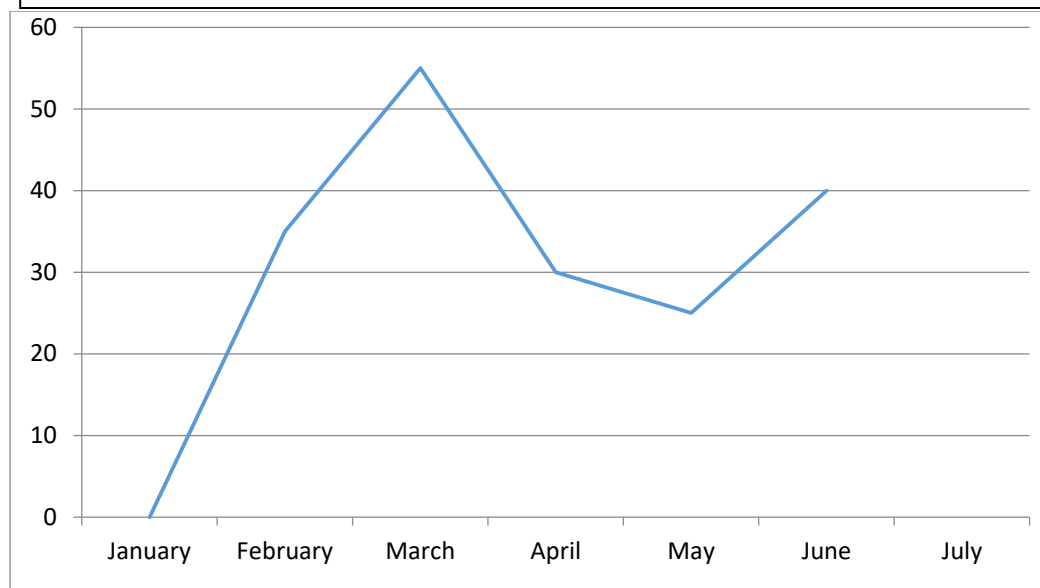
14. Year R forgot to put their data on the bar chart - they raised £15. Draw this on the bar chart.

15. Now that Year R's data has been recorded, how much more money does the school still need to raise to get £125 in total?

LO: To be able to interpret information from a graph.

A line graph to show the amount of money raised for charity each month.

Amount of money raised (£)



Month	Amount raise in £
January	
February	
March	
April	
May	
June	
July	

Name of the month

1. Fill in the table with the amount raised for each month.

2. Which month raised the most amount of money?

3. Which month raised the least amount of money?

4. How much more money was raised in May than January?

5. How much more money was raised in June than April?

6. How much more money was raised in June than January?

7. How much less money was raised in May than March?

8. How much less money was raised in February than June?

9. Which months raised the same amount of money?

10. Someone forgot to enter the data for July. In July they raised £45. Plot this on the graph and join to the line graph using a ruler.

11. How much money was made in January, February, March and April altogether?

12. How much money was made in May, June and July?

13. How much money was made throughout the months altogether?

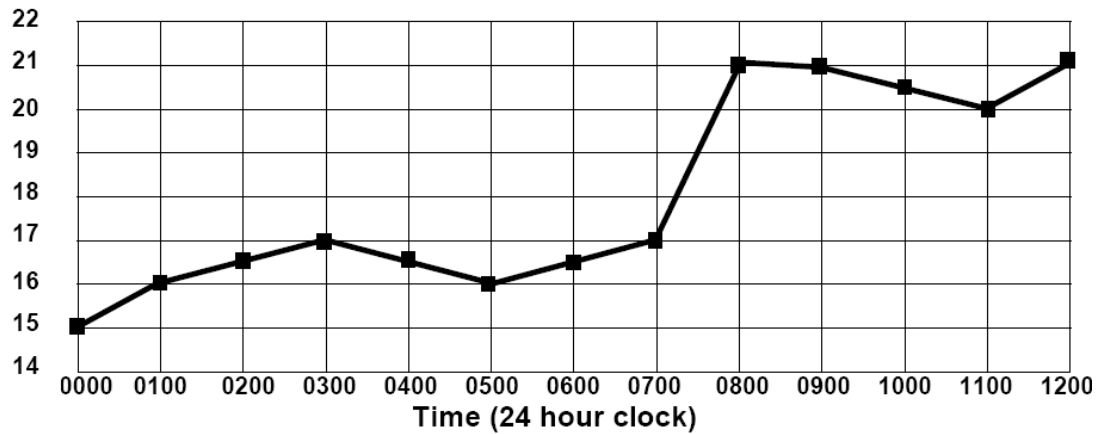
14. They wanted to raise £200 by the end of July. Did they meet their target?

15. How much more did they need to raise?

LO: To be able to interpret information from a graph.

Q1. **Interpreting Line Graphs**

Temp



This graph shows the temperature in a room over twelve hours. Answer the questions below.

1a) What was the lowest temperature recorded on the chart.

1b) What was the temperature at 3 o'clock?

1c) What was the temperature at 11.00?

1d) Which hour shows the biggest rise in temperature?

1e) For how long was the temperature between 16 and 17 degrees?

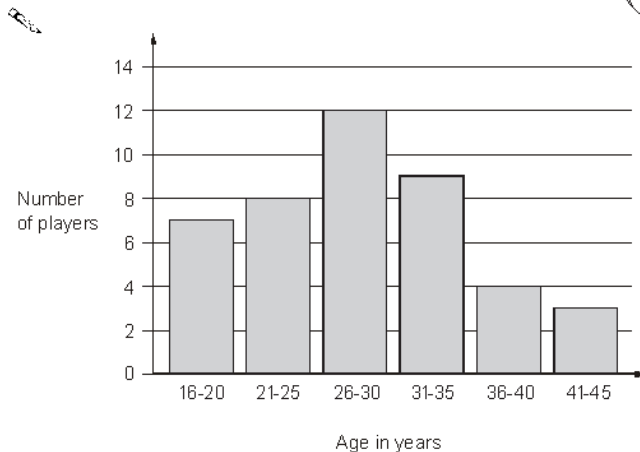
1f) Can you estimate the temperature at 07.30?

1g) Can you estimate the temperature at 10.00?

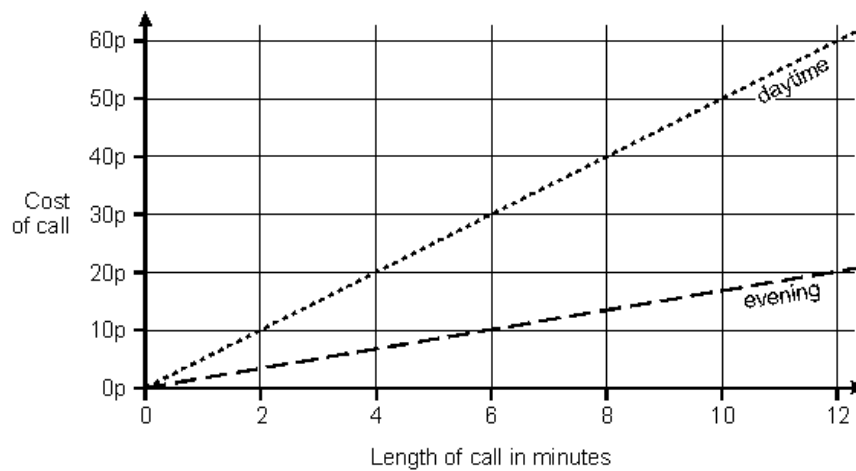
LO: To be able to interpret information from a graph.

Q2. This graph shows the age of players at a football club.

How many players are aged 30 or younger? _____



Q2. This graph shows the cost of phone calls in the daytime and in the evening.



How much does it cost to make a **9 minute** call in the **daytime**?

How much **more** does it cost to make a **6 minute** call in the **daytime** than in the **evening**?

LO: To be able to interpret information from a graph.

Q3. The graph shows the journey of a hot-air balloon.

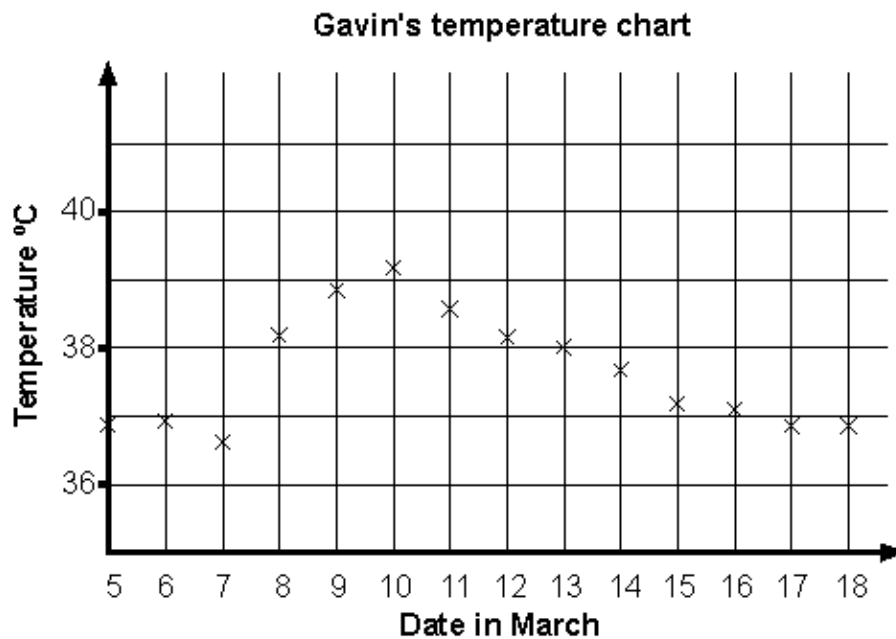


At what **height** above the ground was the balloon after **10 minutes**?

After how many **minutes** of the journey did the balloon begin to go down?

LO: To be able to interpret information from a graph.

Q4. Gavin was ill in March. This is his temperature chart



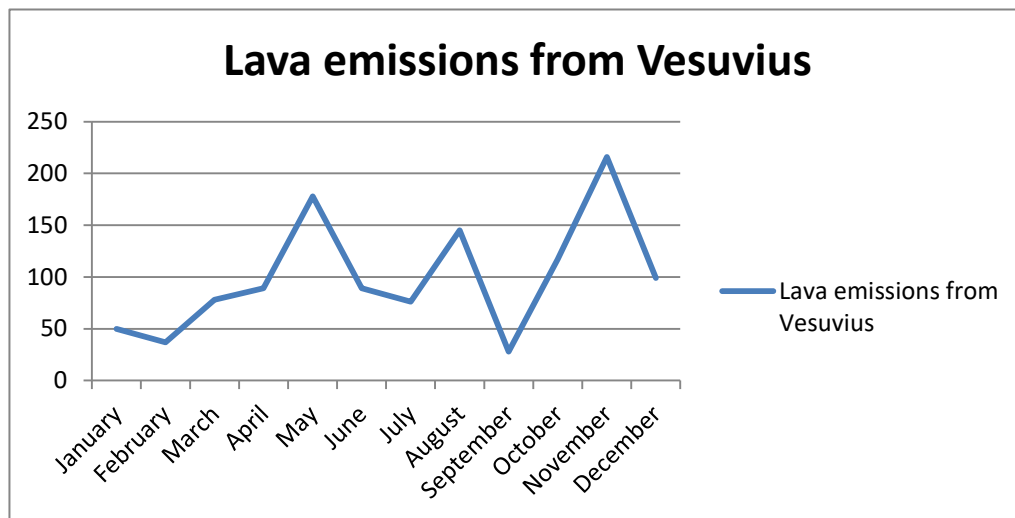
For how many days was his temperature marked as **more than 37°C**?

Which **date** showed the largest **change in temperature** from the day before?

Estimate Gavin's **highest** temperature shown on the graph.

LO: To be able to interpret information from a graph.

Q5. The below line graph shows the lava emissions from Vesuvius.



5a) In which months did the volcano produce over 100litres of lava?

5b) What is the range of lava production?

5c) What is the total amount of lava produced in May and November?

5d) When is there the greatest rise in lava production?

5e) In which two months did the volcano produce the same amount of lava?

5f) What is the total amount of lava produced for the year?

5g) Tell me 3 things that you now know about lava emissions