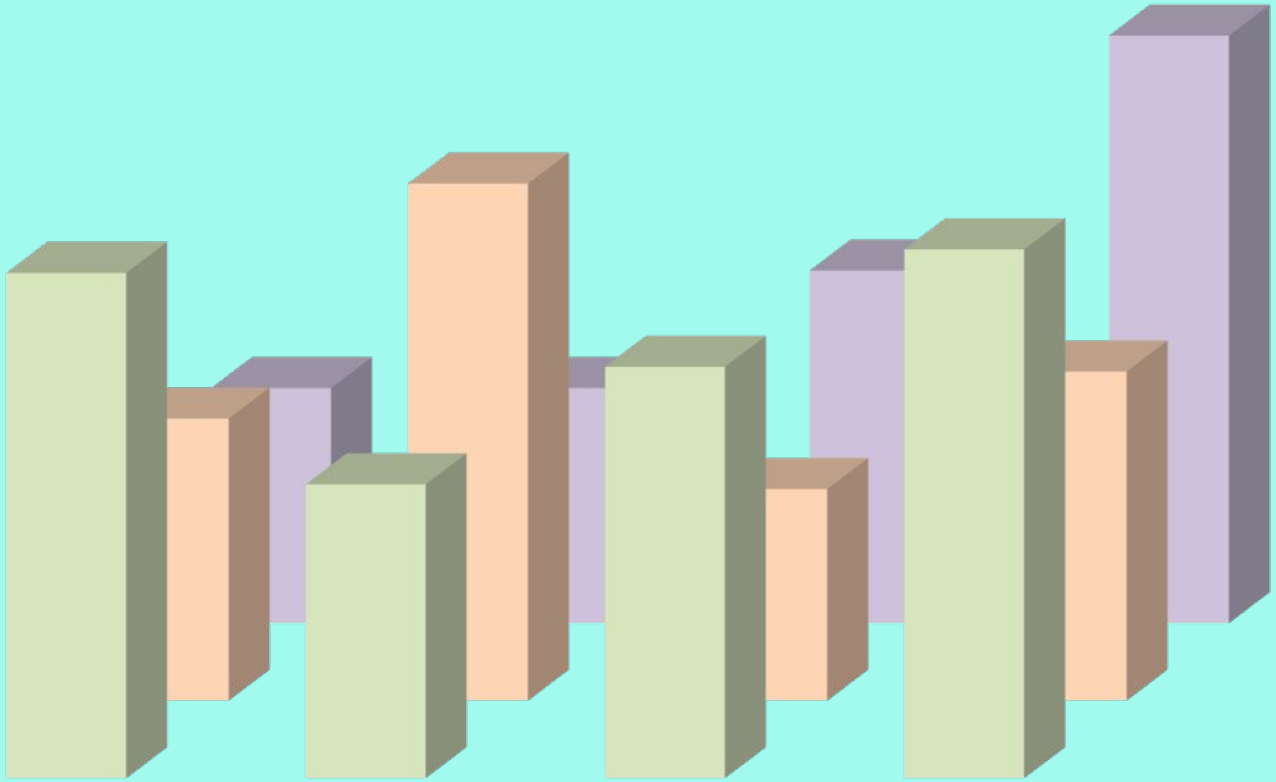
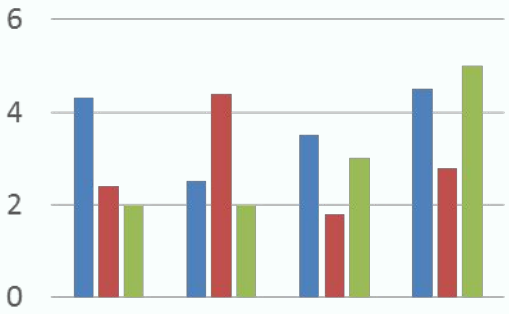
Reading and Interpreting Data



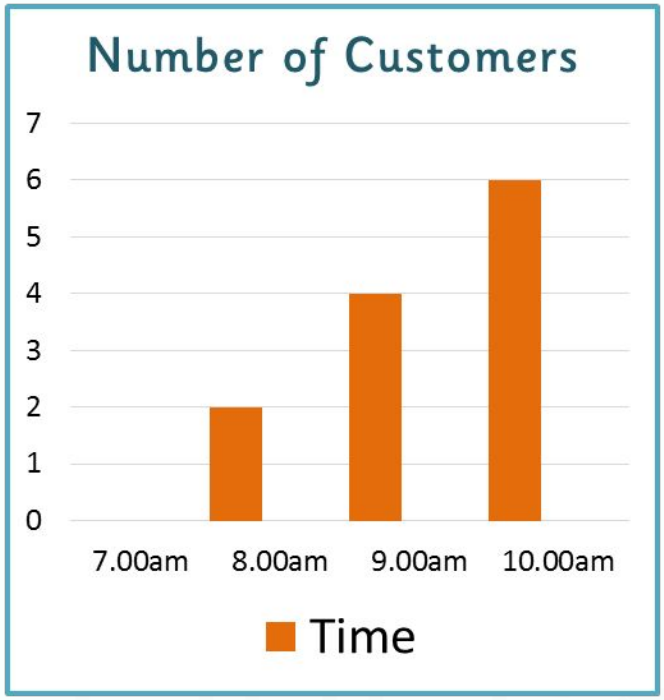


LO: **To read and interpret data**

- Read the data presented on a graph
- Look at information within graphs to answer questions
- Know that data can be used to show and predict patterns

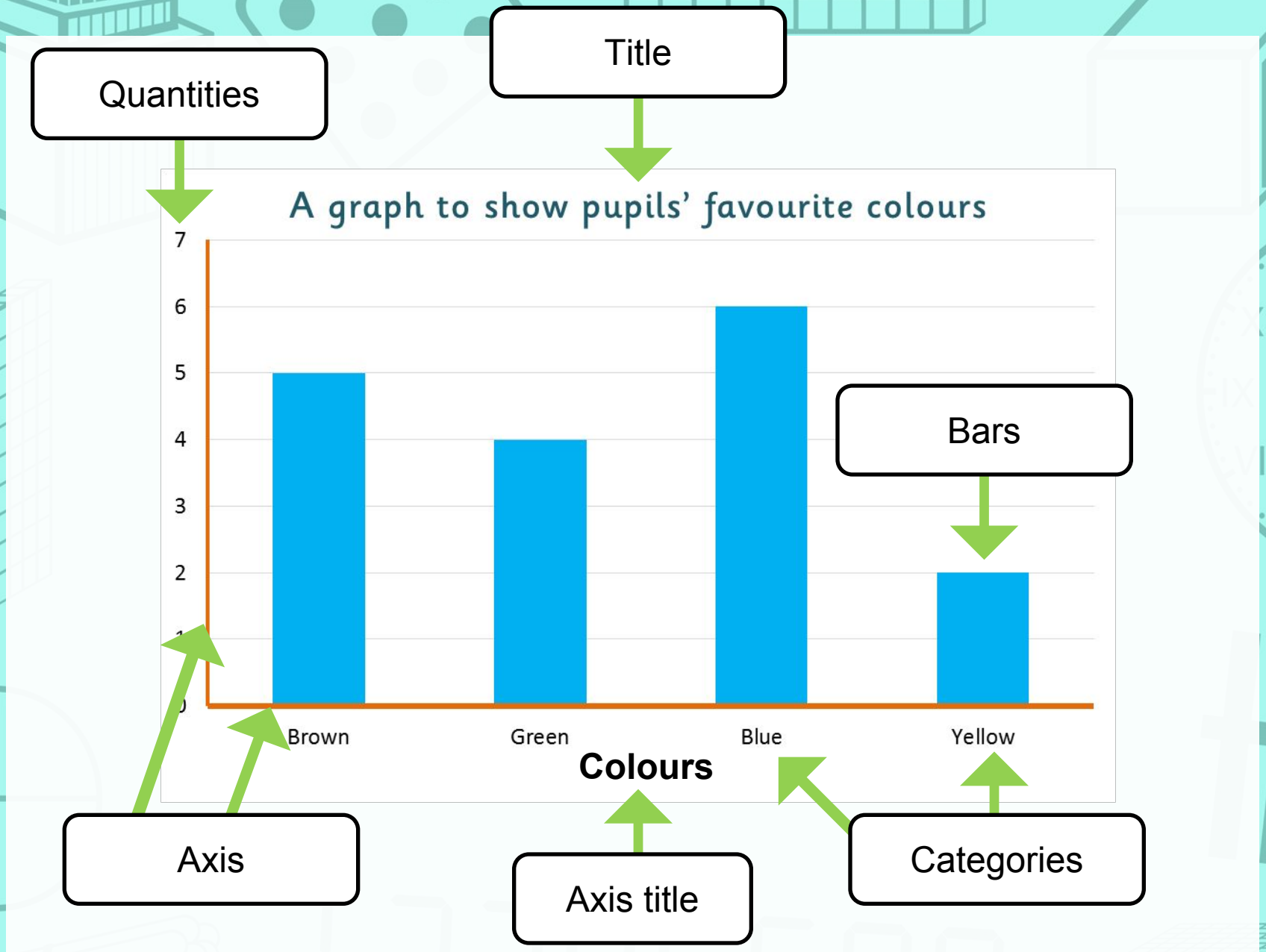
Data is very useful because it can be used to show patterns.

Shops look at data to know how much of their stock sells at each time of the year. They use this information to predict how much they will need at certain points of the next year, or when busier periods might be.



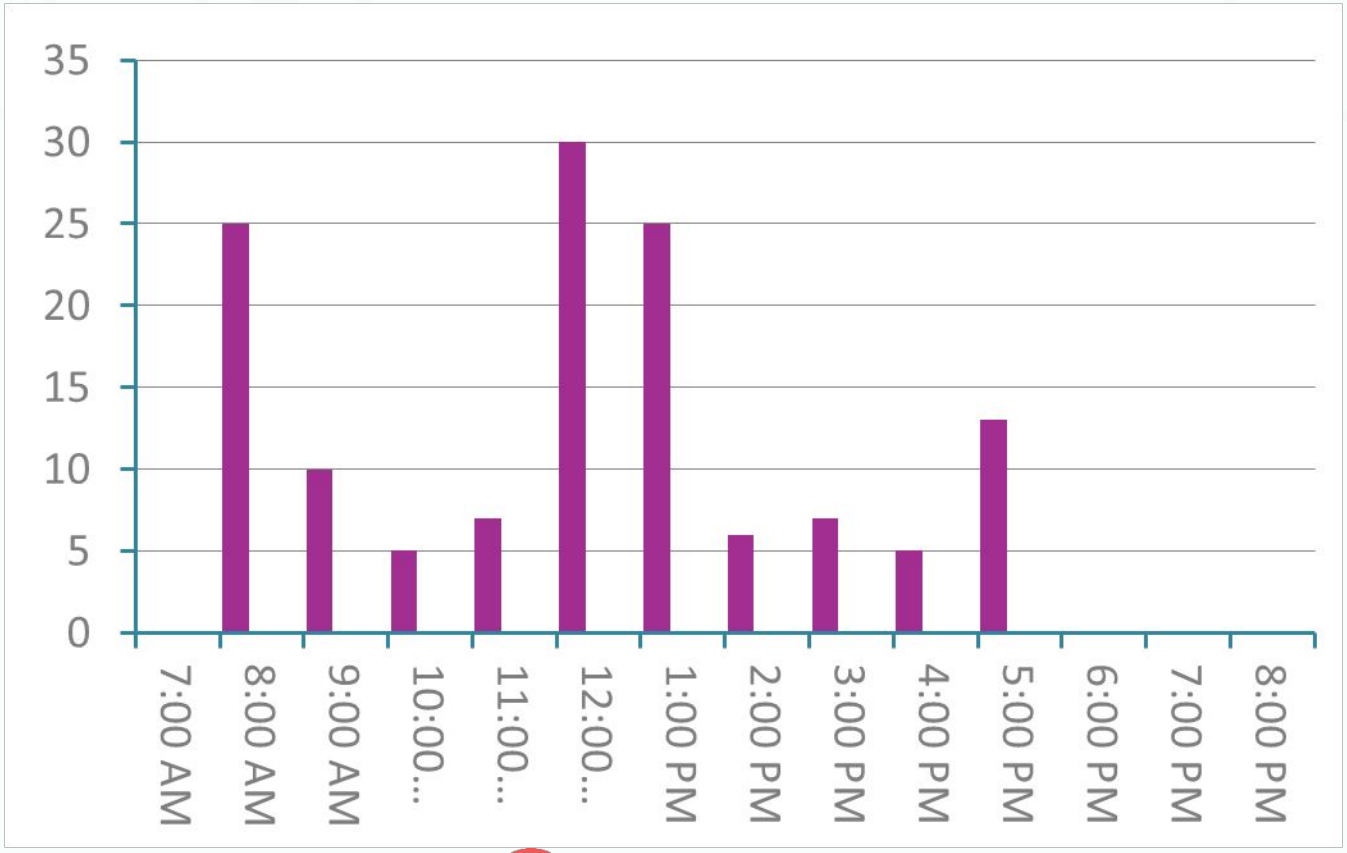
Recap!

What are the features of a graph?


Quantities
Title
A graph to show pupils' favourite colours
7
6
5
4
3
2
Brown
Green
Blue
Yellow
Colours
Bars
Axis
Axis title
Categories

A graph to show how many sandwiches are sold every hour

Number of sandwiches sold

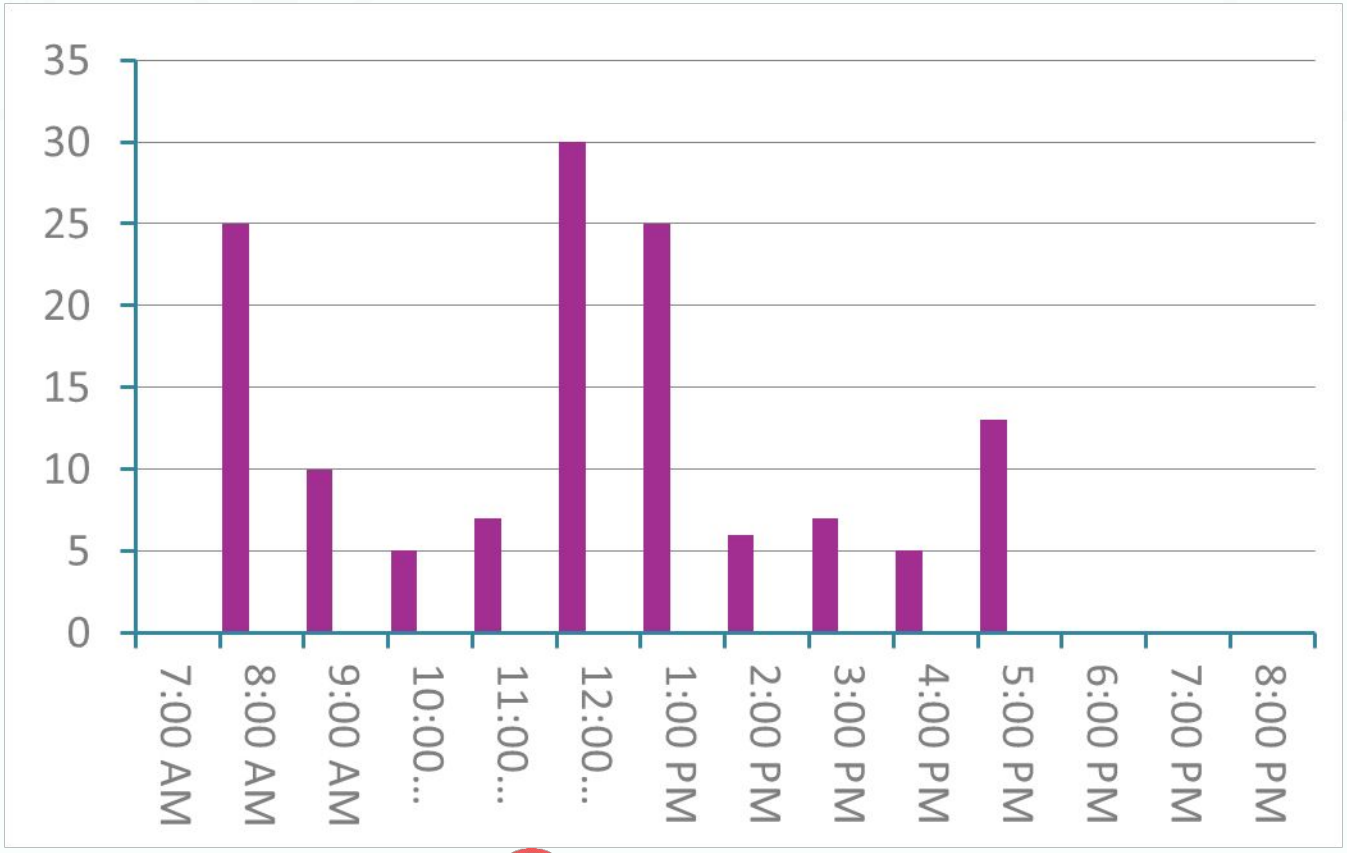


Time

1. How many sandwiches are sold between 8:00am and 9:00pm?

A graph to show how many sandwiches are sold every hour

Number of sandwiches sold

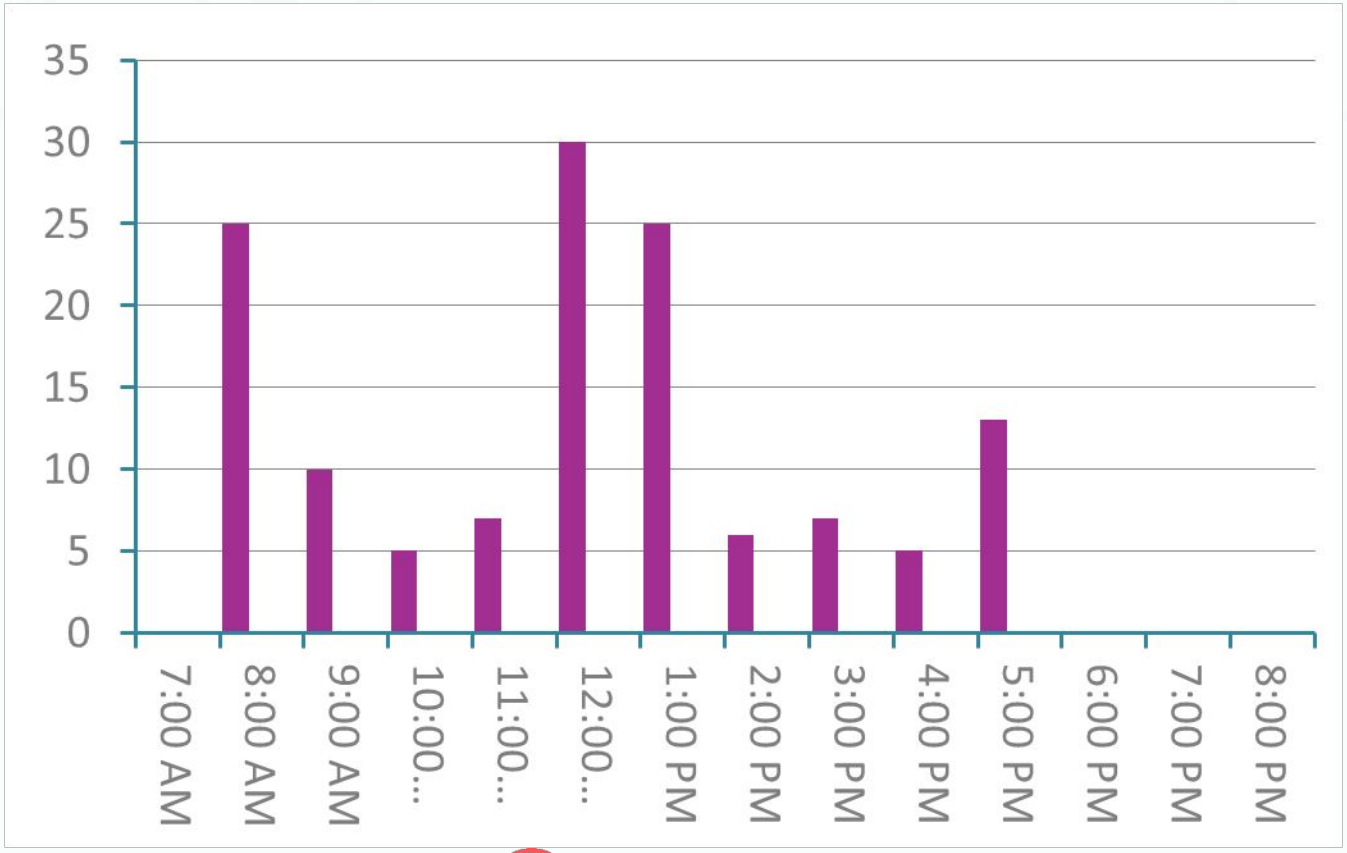


Time

2. How many more sandwiches are sold between 12:00pm and 1:00pm than between 9:00am and 10:00am ?

A graph to show how many sandwiches are sold every hour

Number of sandwiches sold

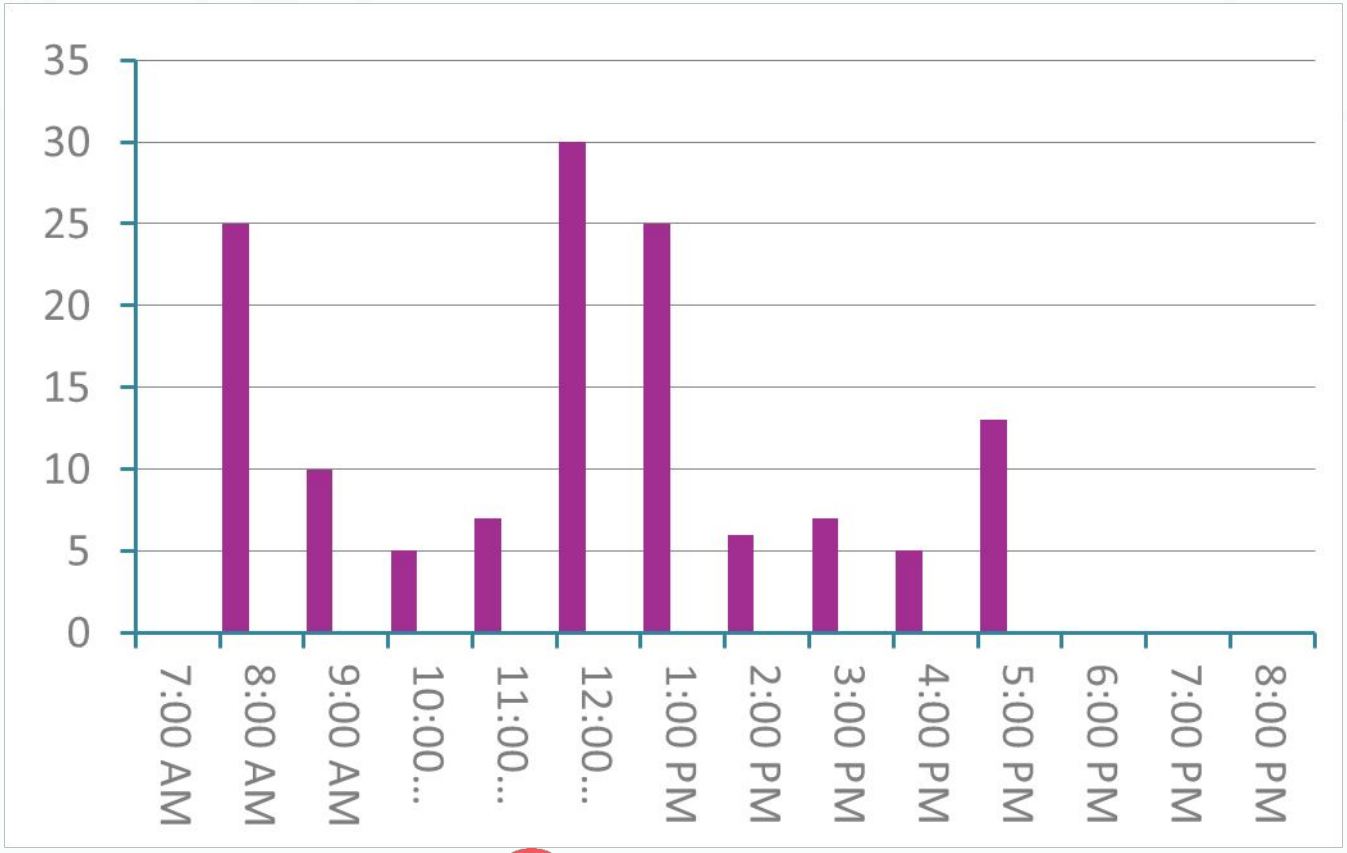


Time

3. Which times of the day are most sandwiches sold? Why do you think this is?

A graph to show how many sandwiches are sold every hour

Number of sandwiches sold

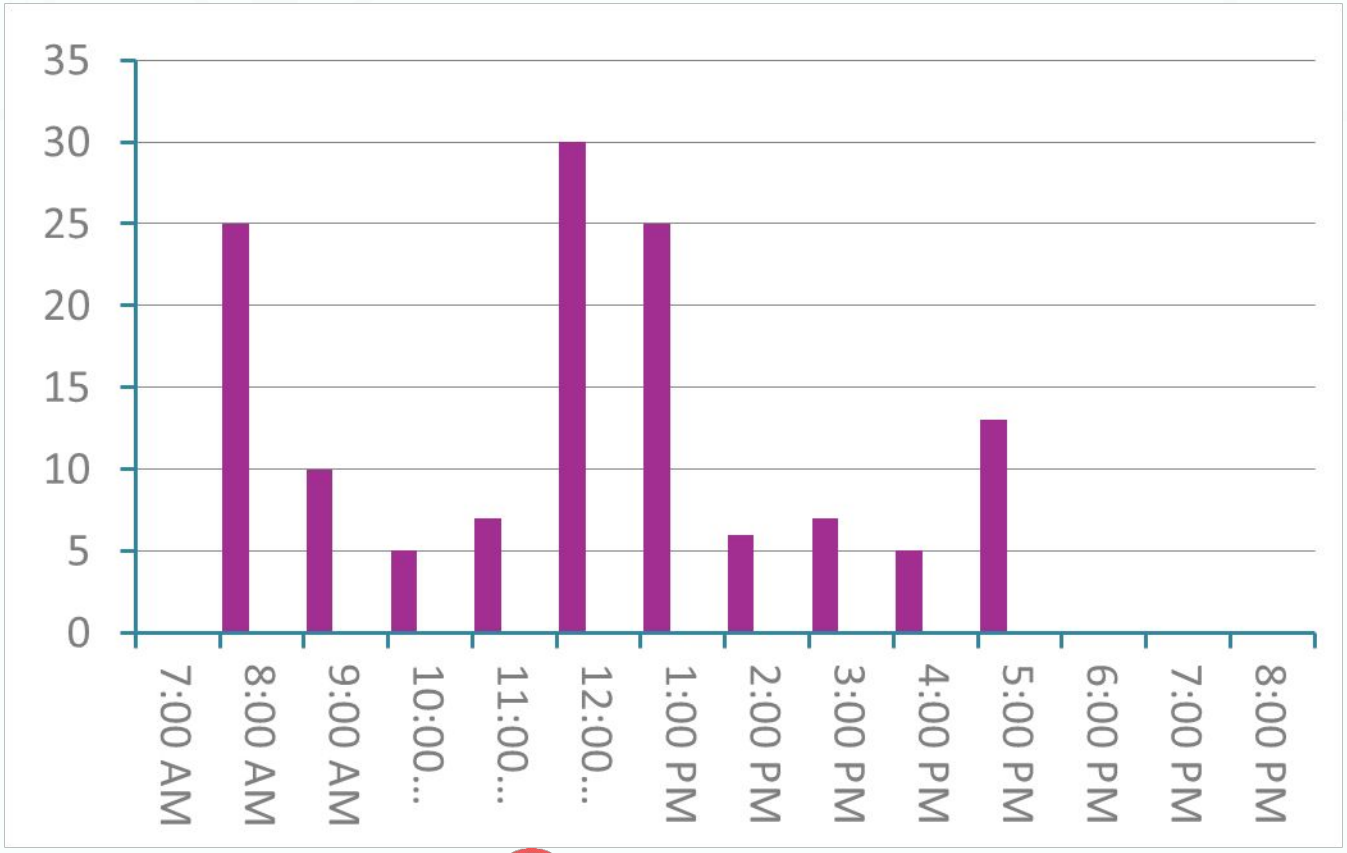


Time

4. Looking at the graph, what time do you think the sandwich shop opens?

A graph to show how many sandwiches are sold every hour

Number of sandwiches sold

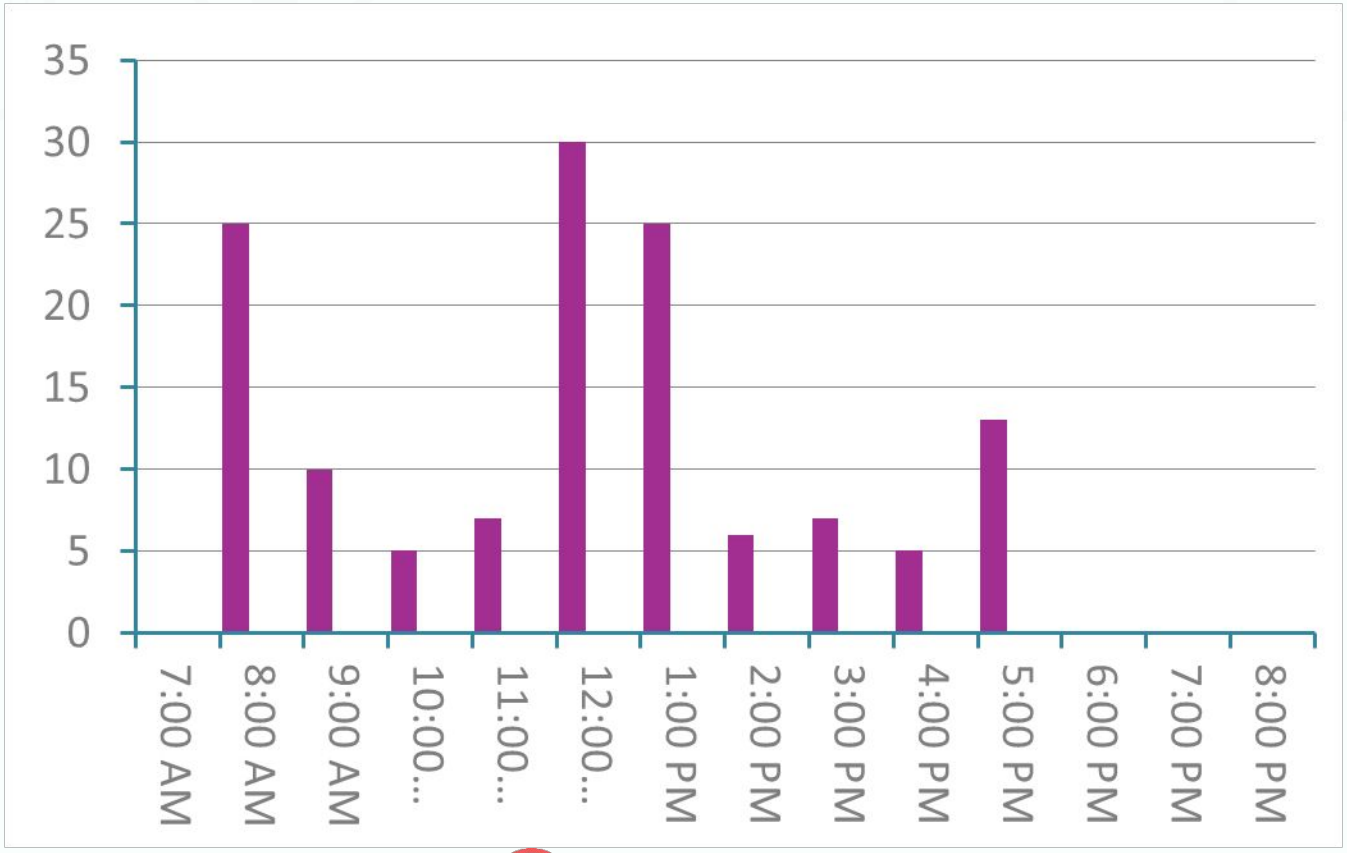


Time

5. Looking at the graph, what time do you think the sandwich shop closes?

A graph to show how many sandwiches are sold every hour

Number of sandwiches sold

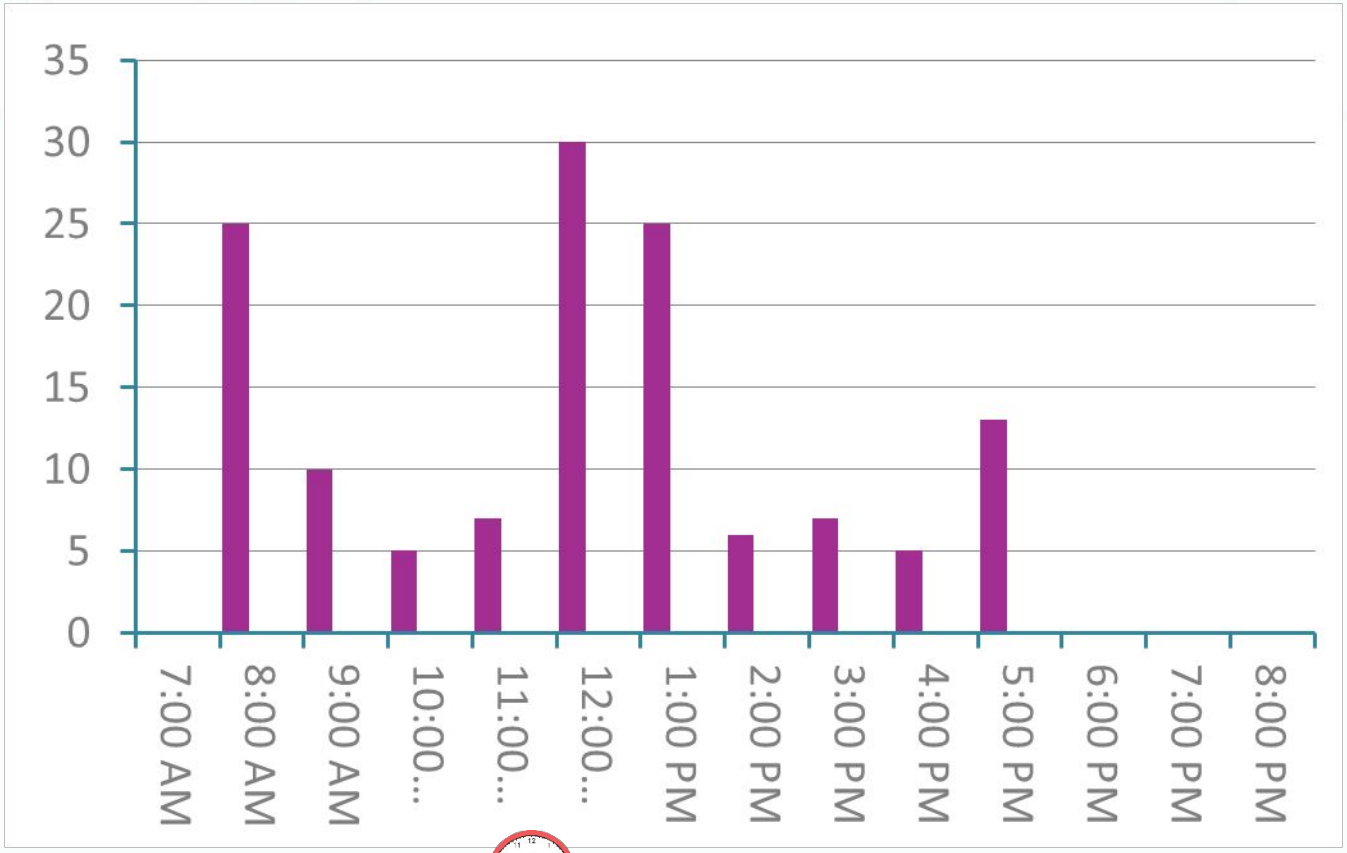


Time

6. Why do think there is a sudden increase of sandwiches being sold at 5 o'clock?

A graph to show how many sandwiches are sold every hour

Number of sandwiches sold

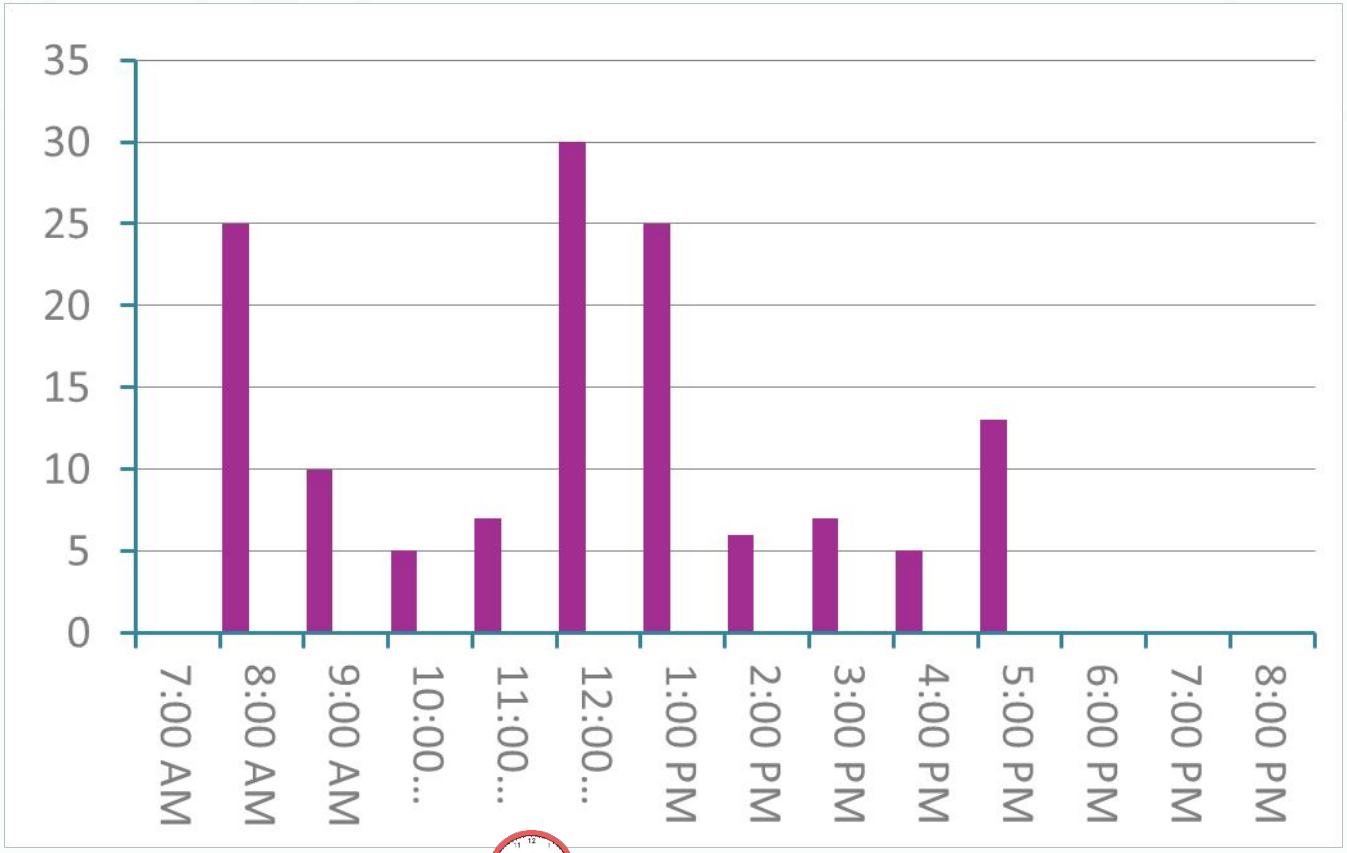


Time

7. The owner of the shop wants to put another member of staff on to cover tomorrow's busiest time. What time do you think the owner will tell them they have to work?

A graph to show how many sandwiches are sold every hour

Number of sandwiches sold

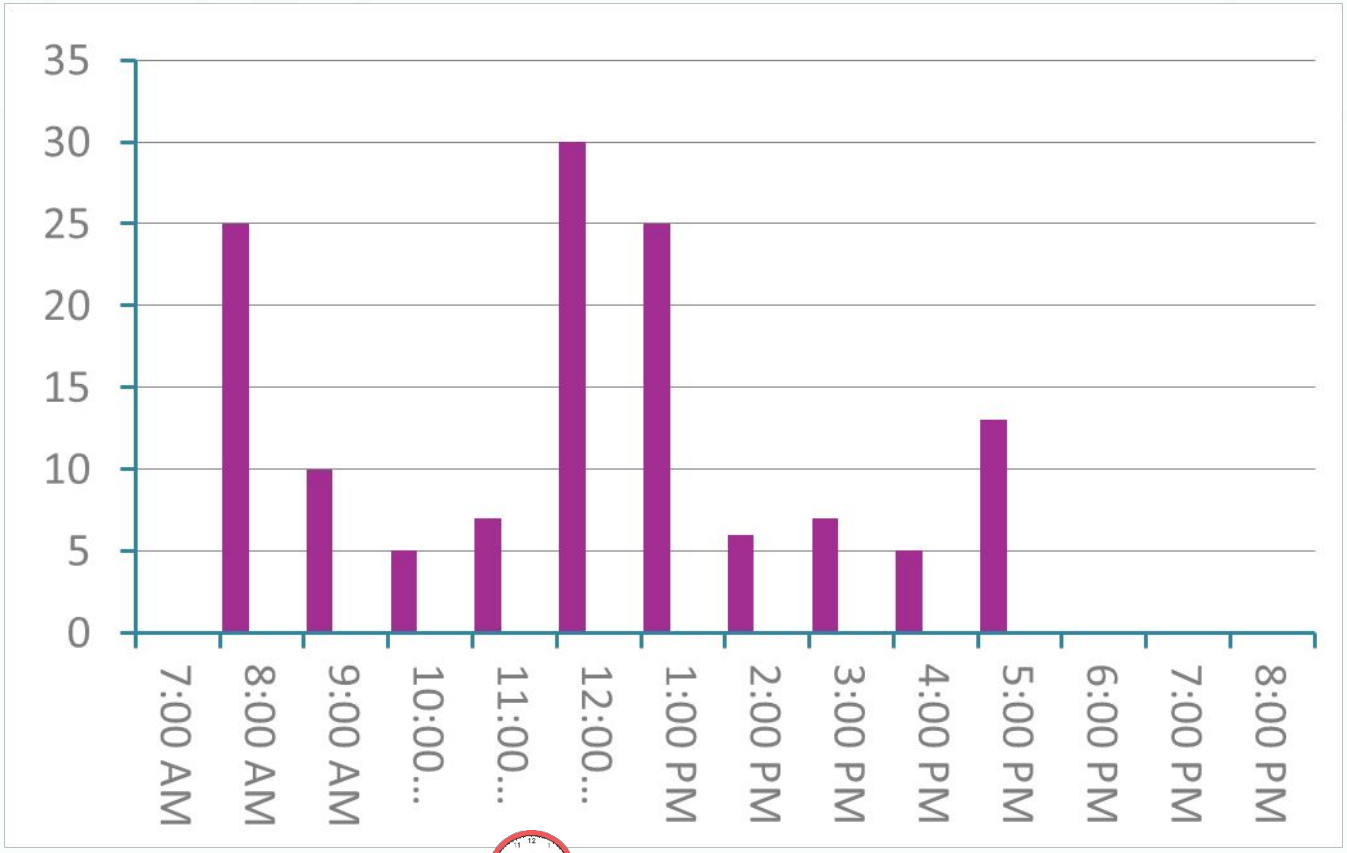


Time

From just looking at the data this graph is showing, we have managed to answer 4 questions by interpreting the data. The graph itself did not show these answers.

A graph to show how many sandwiches are sold every hour

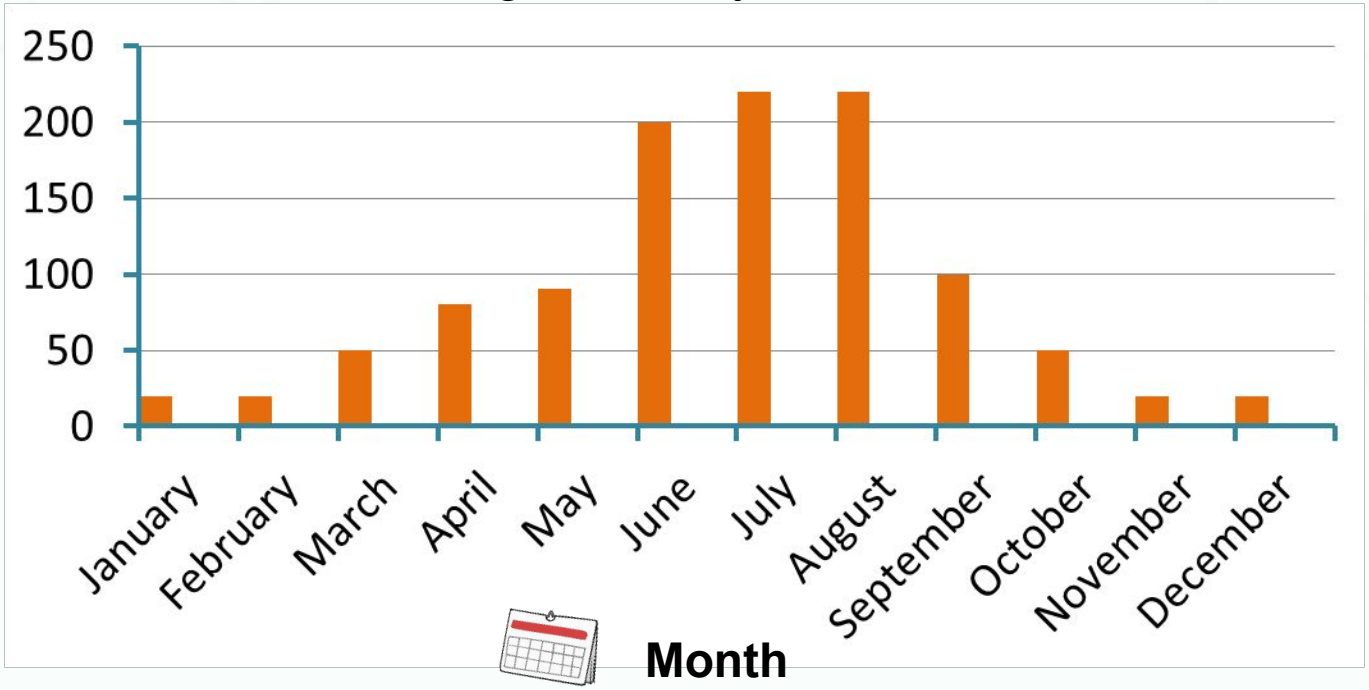
Number of sandwiches sold



Time

PLENARY: How many more sandwiches were sold between midday to 1:00pm than 10:00am to 11:00am?

A graph to show how many ice creams were sold throughout the year



1. In which 3 months was the most ice cream sold?
2. Why do you think this is?
3. Why do you think July and August had the most ice cream sale?
4. When were the least ice creams sold? Why do you think this is?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XI
X
IX
VIII
VII
1 2 3 4 5 6 8 9
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