

# Reading and Interpreting Data



1 2 3 4 5 6 7 8 9



# Recap!

What are the **features** of a graph?

Scaled  
Quantities

Title

A graph to show pupil's favourite colours

7

6

5

4

3

2

1

0

Brown

Green

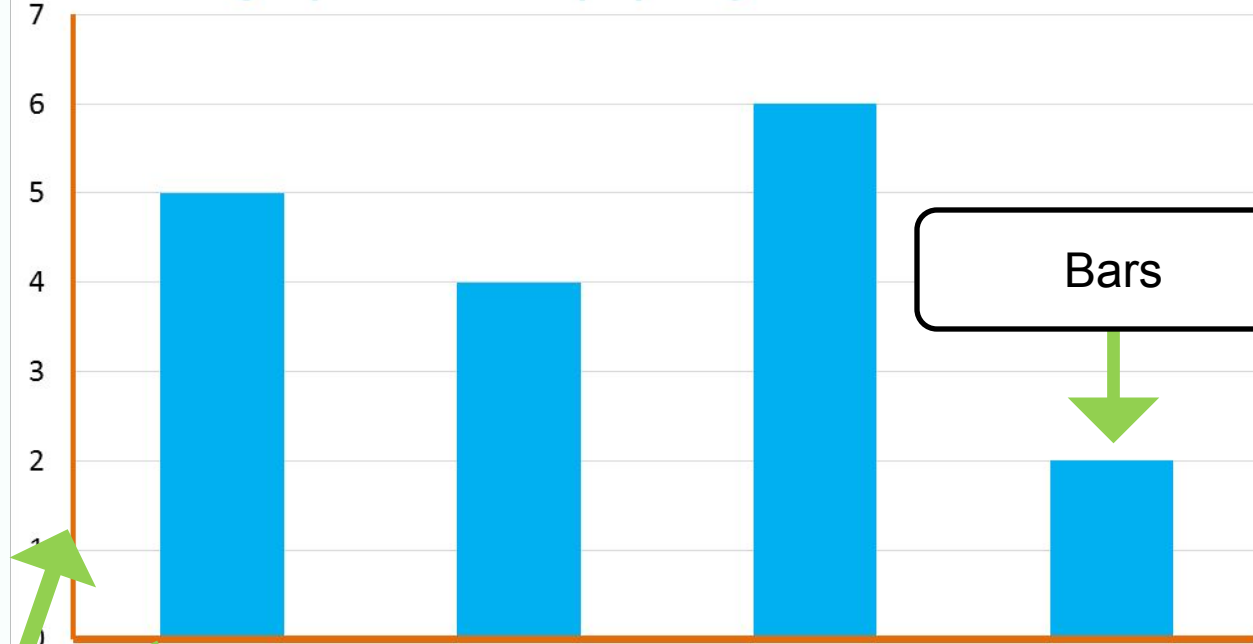
Blue

Yellow


Bars

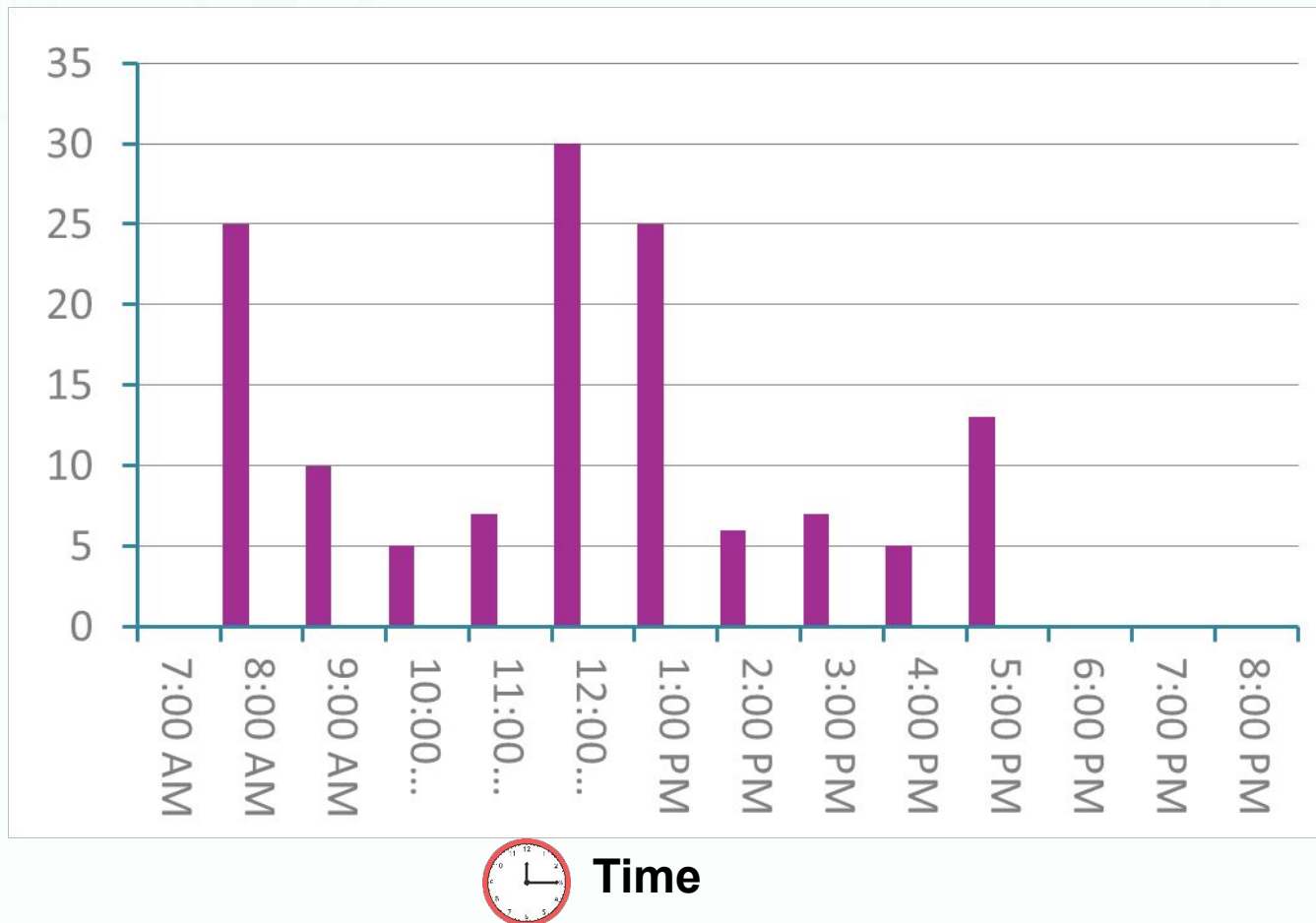
Axis

Categories




A graph to show how many sandwiches are sold every hour

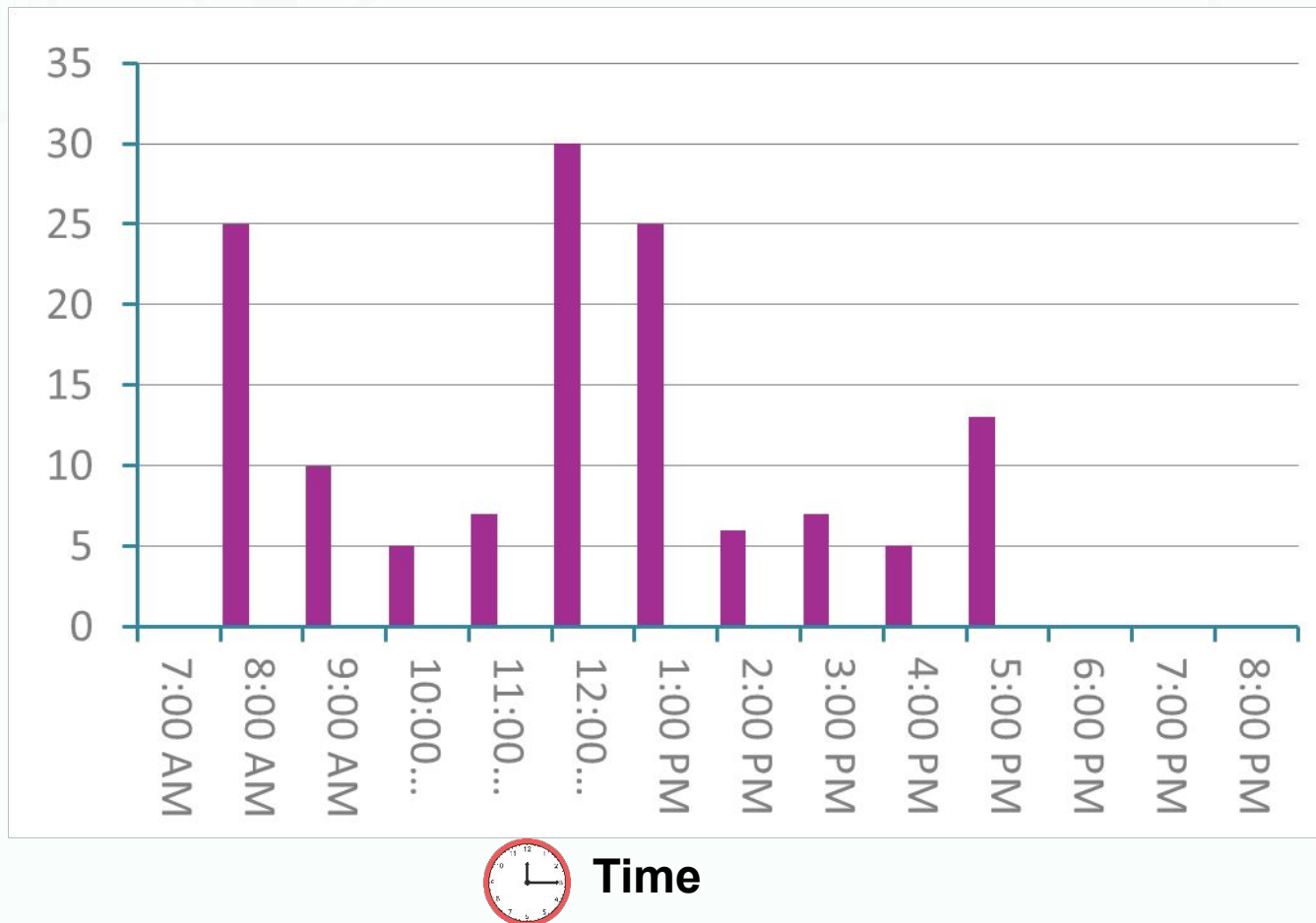
  
Number  
of  
sandwiches  
sold



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


A graph to show how many sandwiches are sold every hour

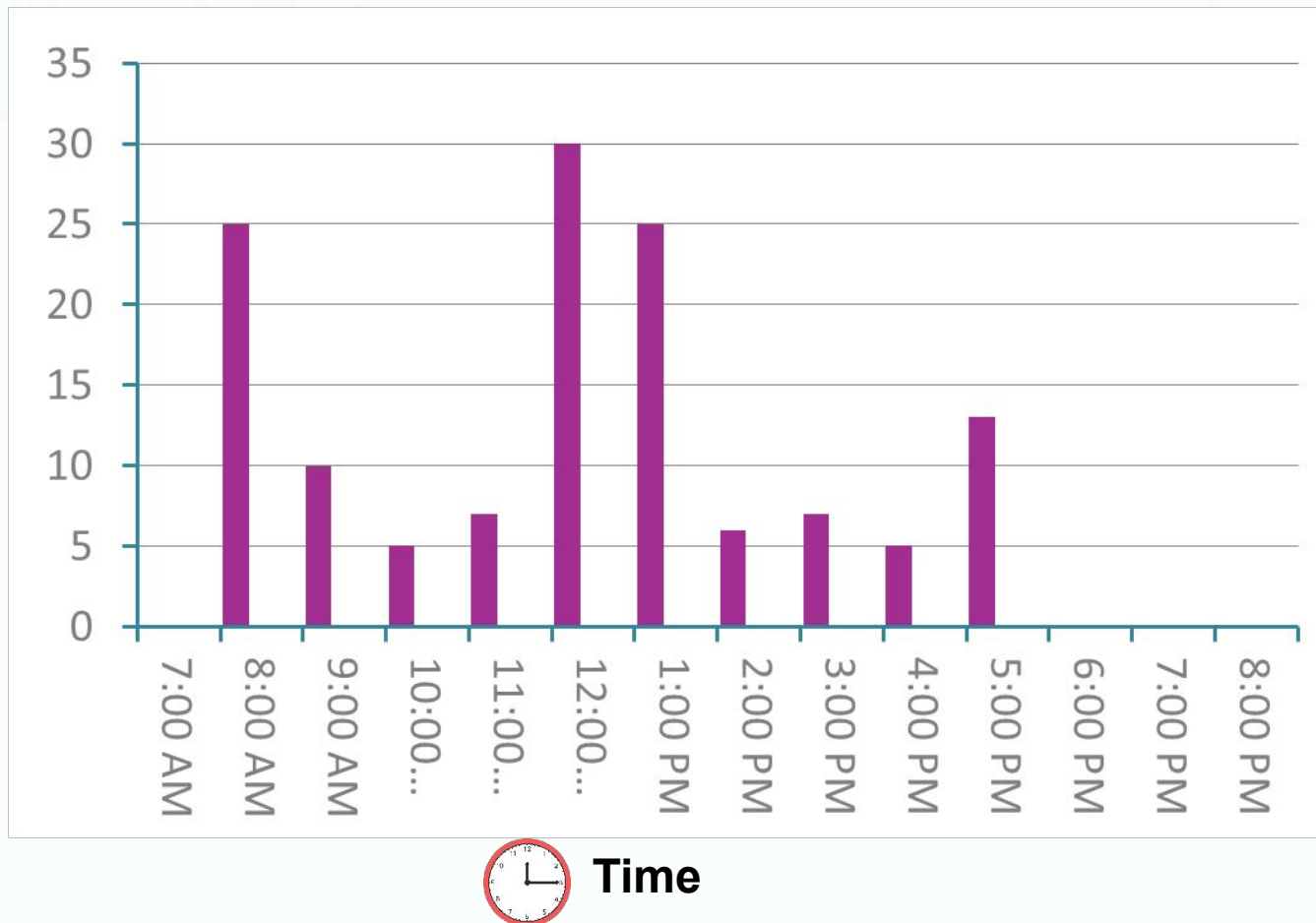
  
Number  
of  
sandwiches  
sold



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

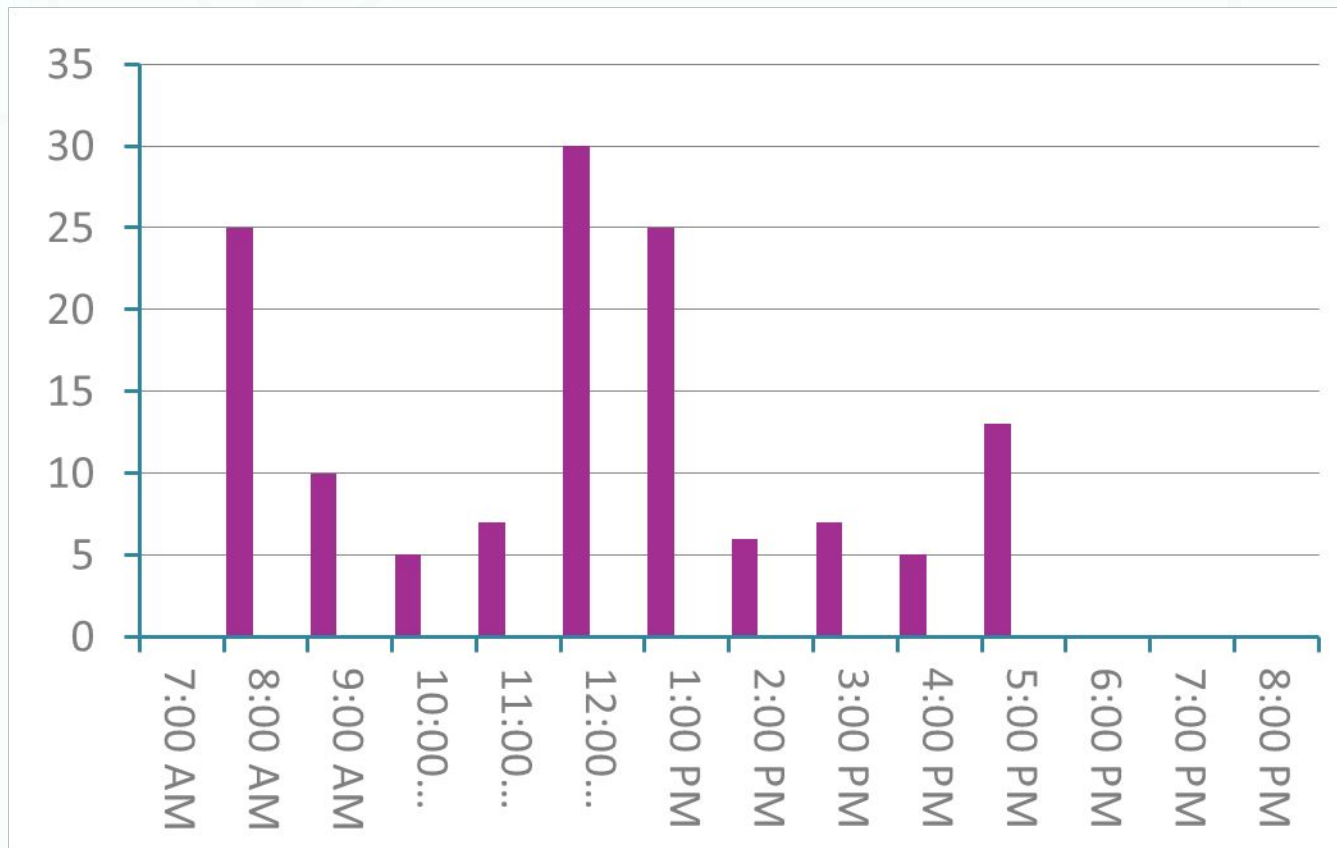


3. Which times of the day are **most** sandwiches sold? Why do you think this is?



A graph to show how many sandwiches are sold every hour

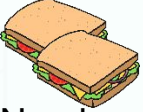
  
Number  
of  
sandwiches  
sold



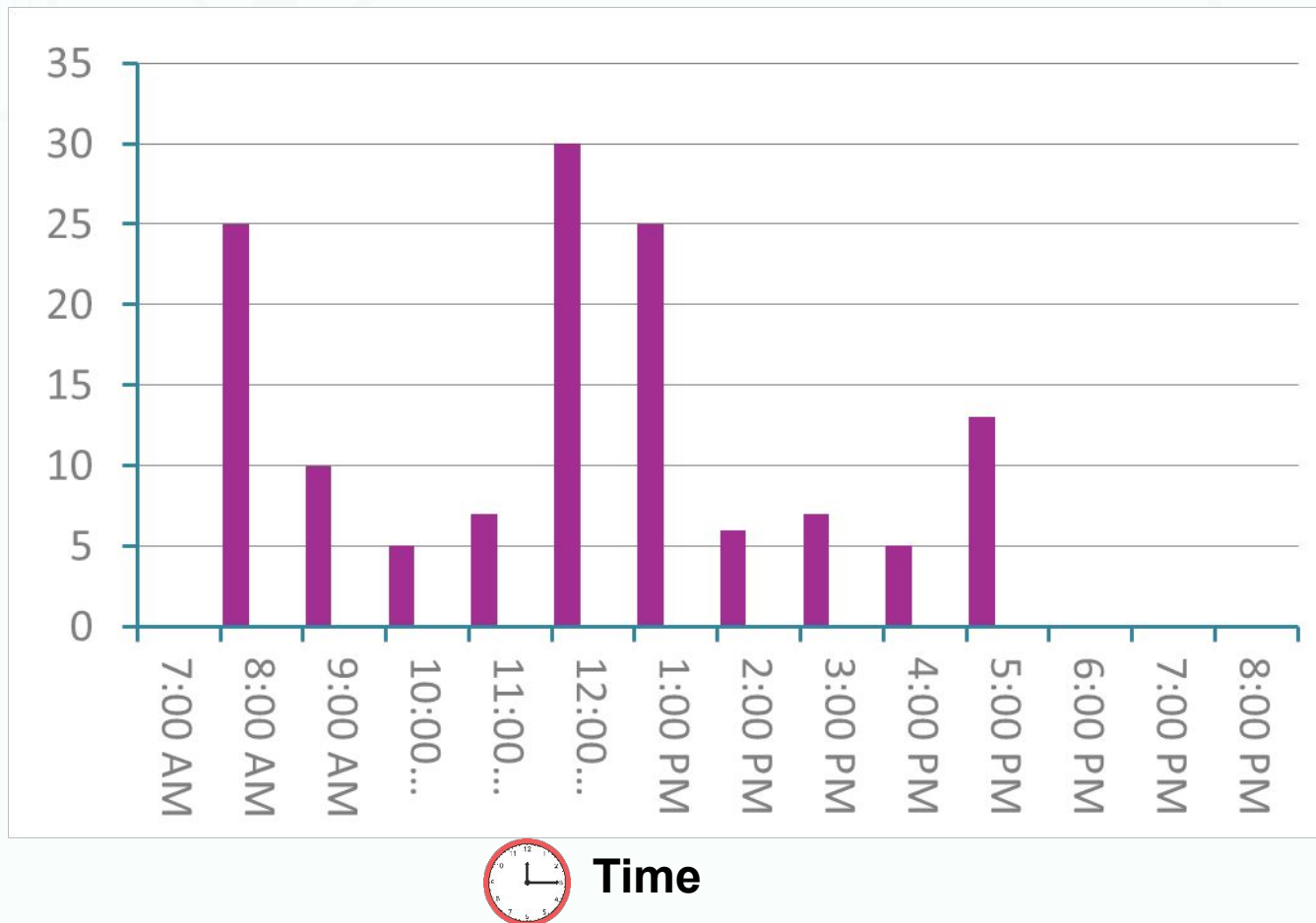
**Time**

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

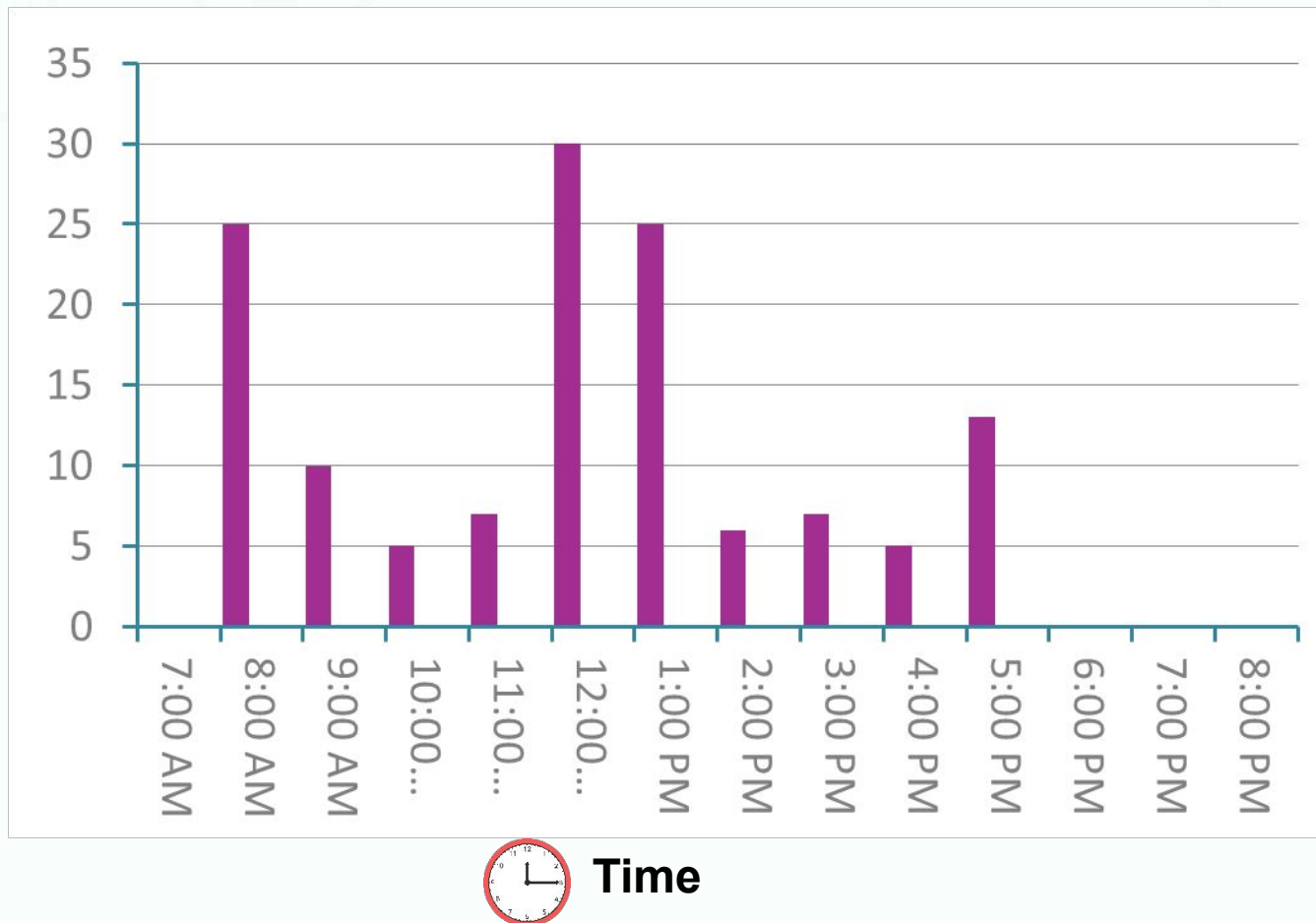


5. Looking at the graph, what time do you think the sandwich shop closes?




A graph to show how many sandwiches are sold every hour

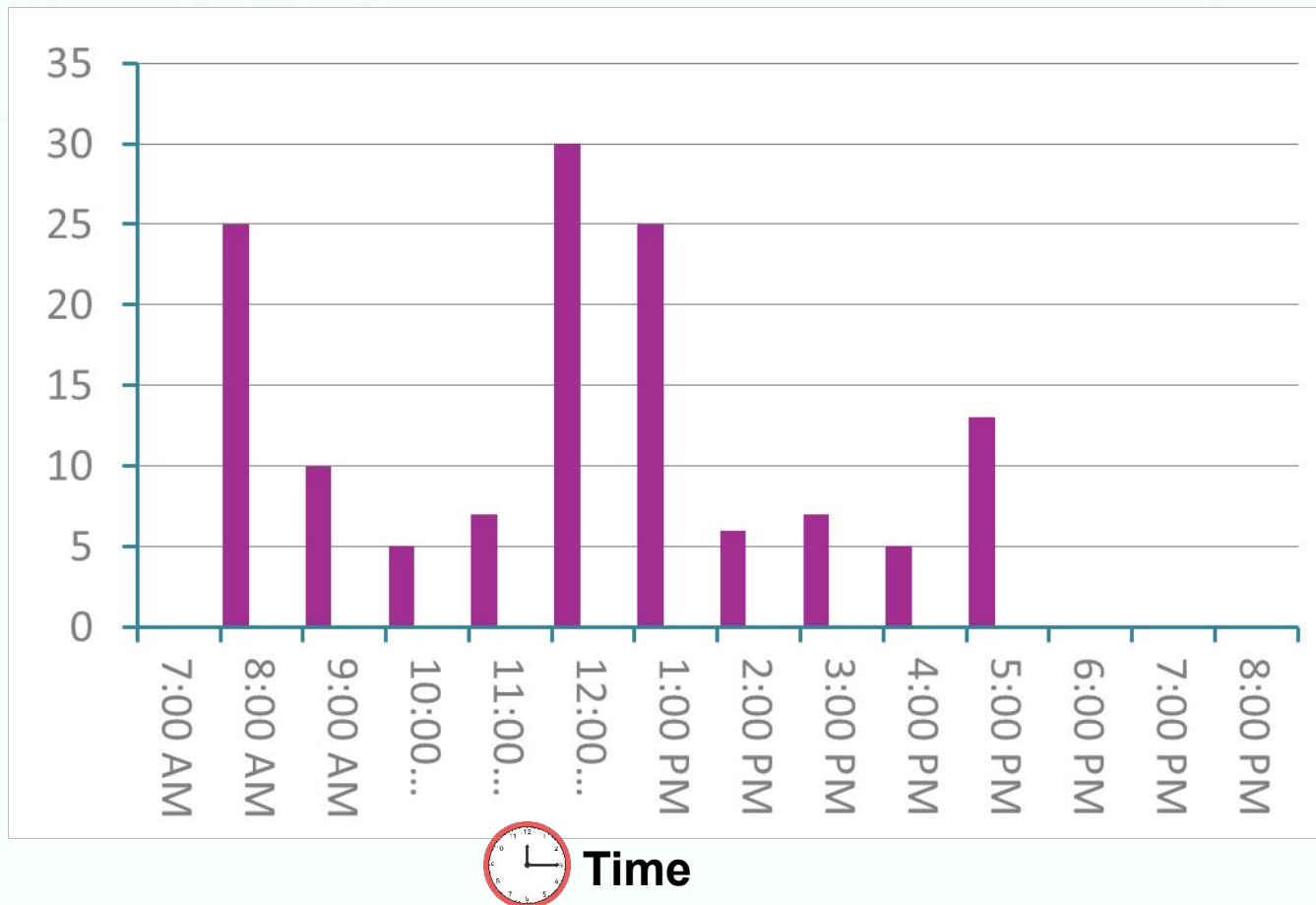
  
Number  
of  
sandwiches  
sold



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

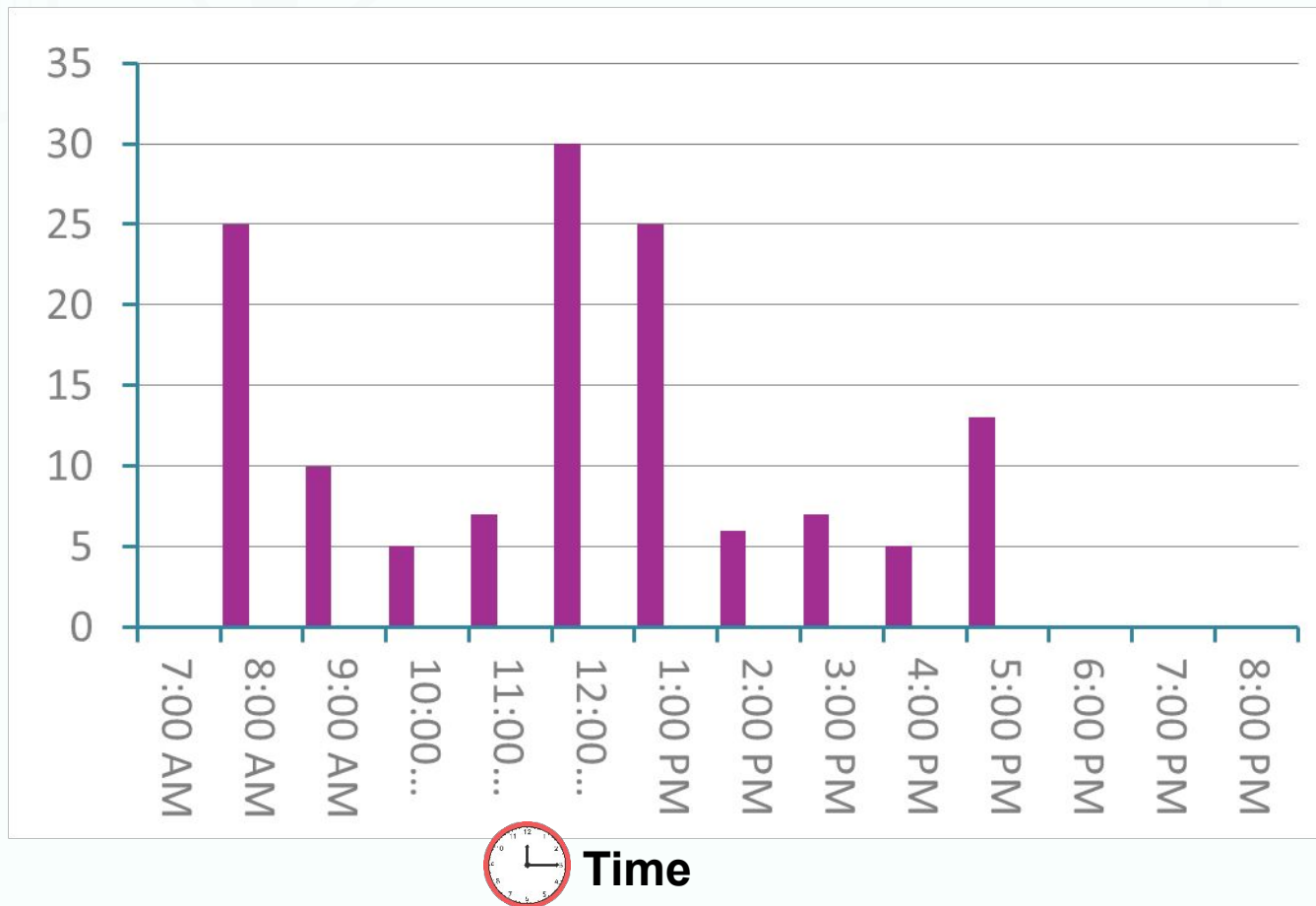
  
Number  
of  
sandwiches  
sold



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

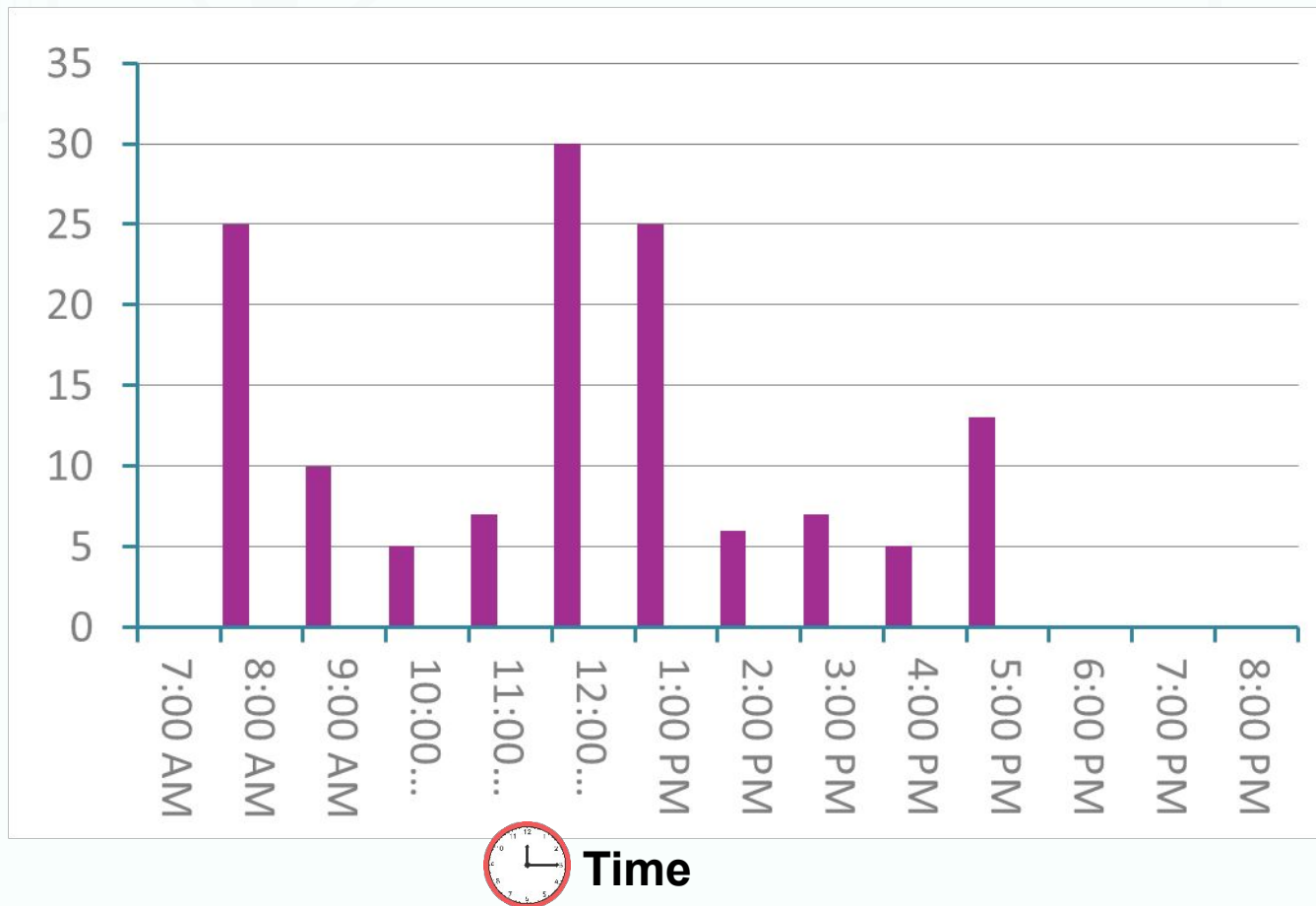
  
Number  
of  
sandwiches  
sold



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.

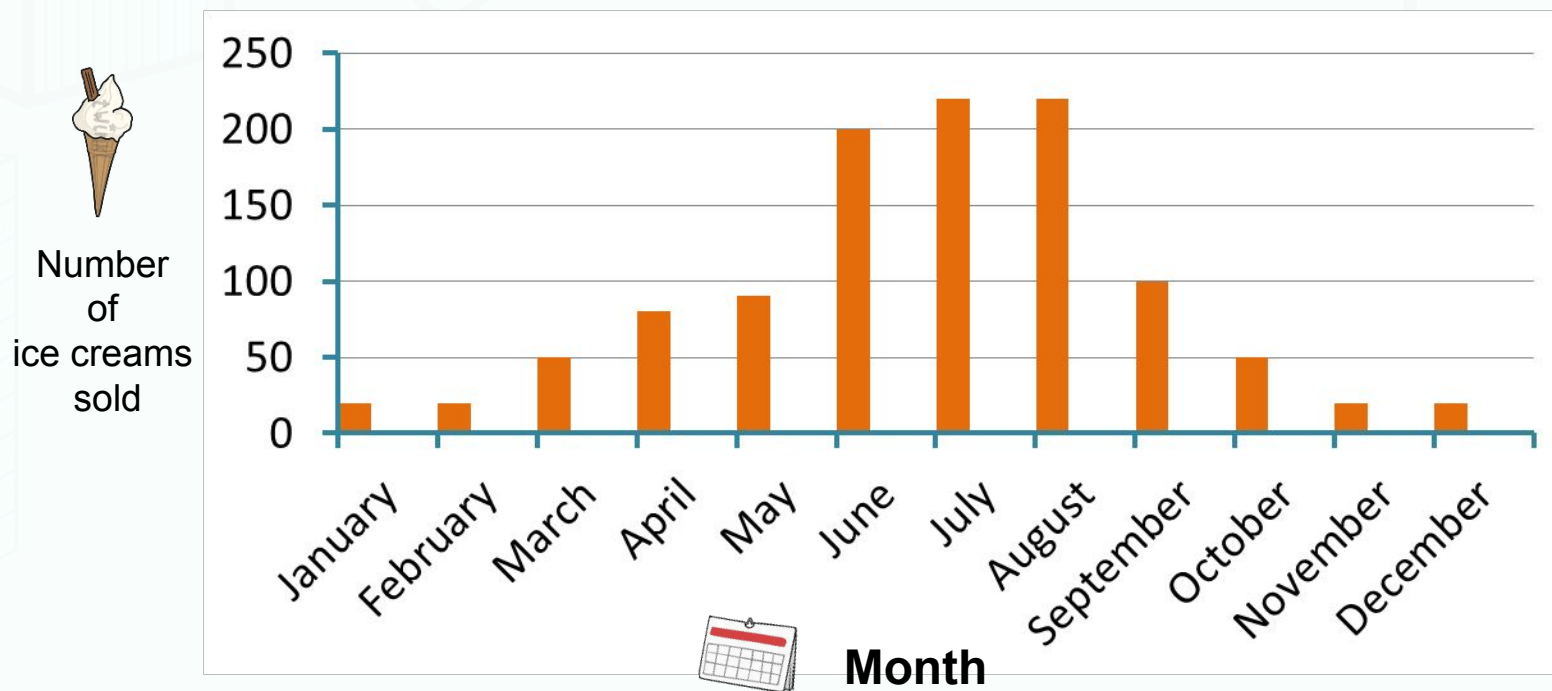
A graph to show how many sandwiches are sold every hour

  
Number  
of  
sandwiches  
sold



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?