

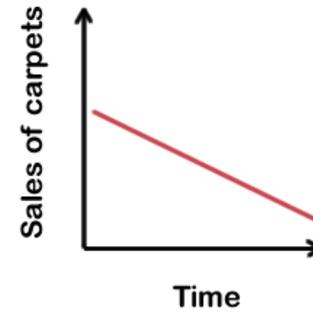
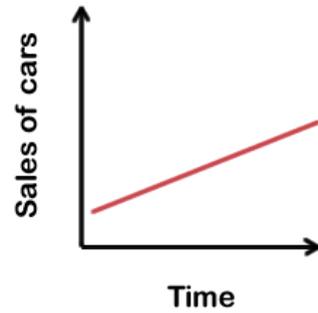
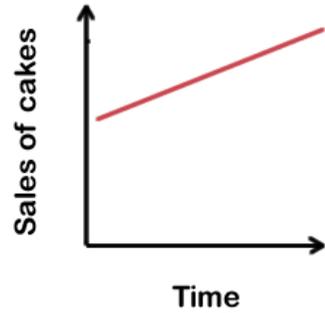


THIRD SPACE
LEARNING

Line Graphs

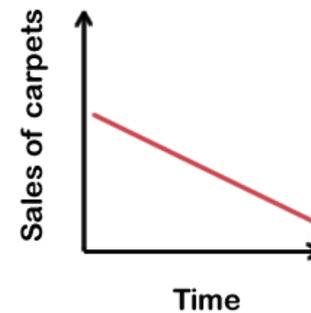
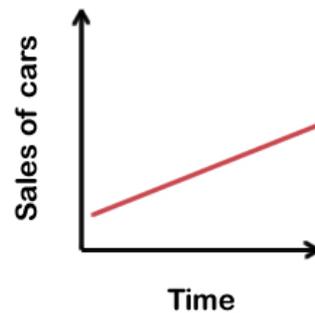
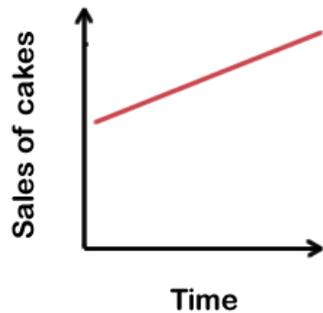
- I can identify the different parts of a line graph (x axis, y axis, scale, labels and title)
- I can read information from a line graph

What is the same and what is different?



- I can identify the different parts of a line graph (x axis, y axis, scale, labels and title)
- I can read information from a line graph

What is the same and what is different?



Similarities

Each graph shows the sales of something over time (labels).

Each graph shows the number of sales on the vertical axis (y) and the time on the horizontal axis (x).

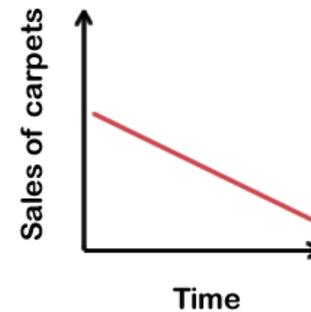
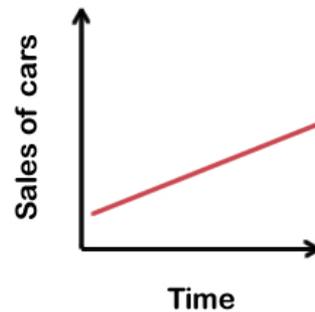
Differences

The sales of carpets decreases over time (the other two increase).

The line showing the sales of cars starts from a different point (the other two start from the same point).

- I can identify the different parts of a line graph (x axis, y axis, scale, labels and title)
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What is the same and what is different?



The numbers on the y axis are called the scale. Do you think the numbers on each y axis would be slightly different or very different? Explain why.

Similarities

Each graph shows the sales of something over time (labels).

Each graph shows the number of sales on the vertical axis (y) and the time on the horizontal axis (x).

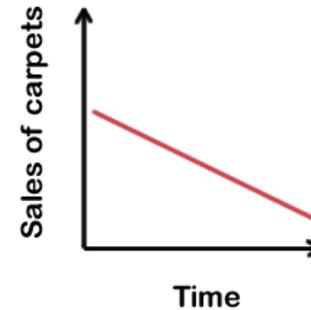
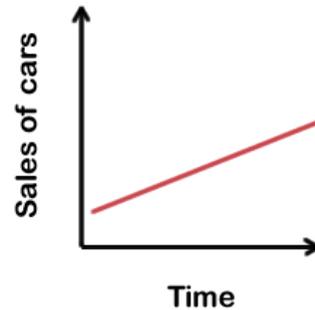
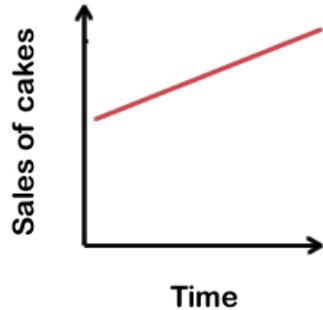
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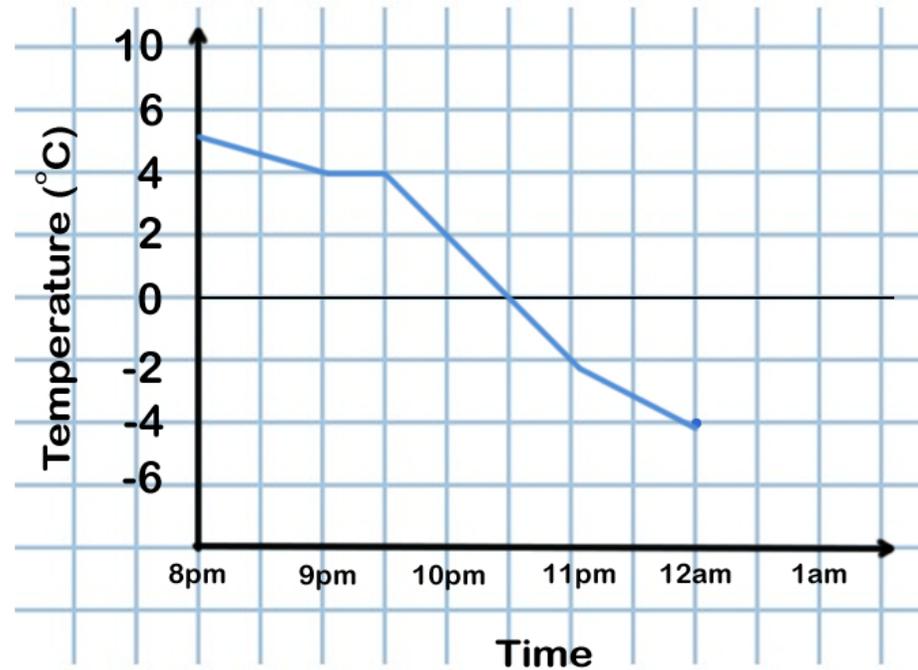
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Similarities	Differences
<p>Each graph shows the sales of something over time (labels).</p> <p>Each graph shows the number of sales on the vertical axis (y) and the time on the horizontal axis (x).</p>	<p>The sales of carpets decreases over time (the other two increase).</p> <p>The line showing the sales of cars starts from a different point (the other two start from the same point).</p>

An example title for the first graph would be 'Graph to show sales of cakes over one day'. Do you think the time scale on the x axis of each graph would be similar? Why/why not?

This line graph shows the change in temperature over a period of time.

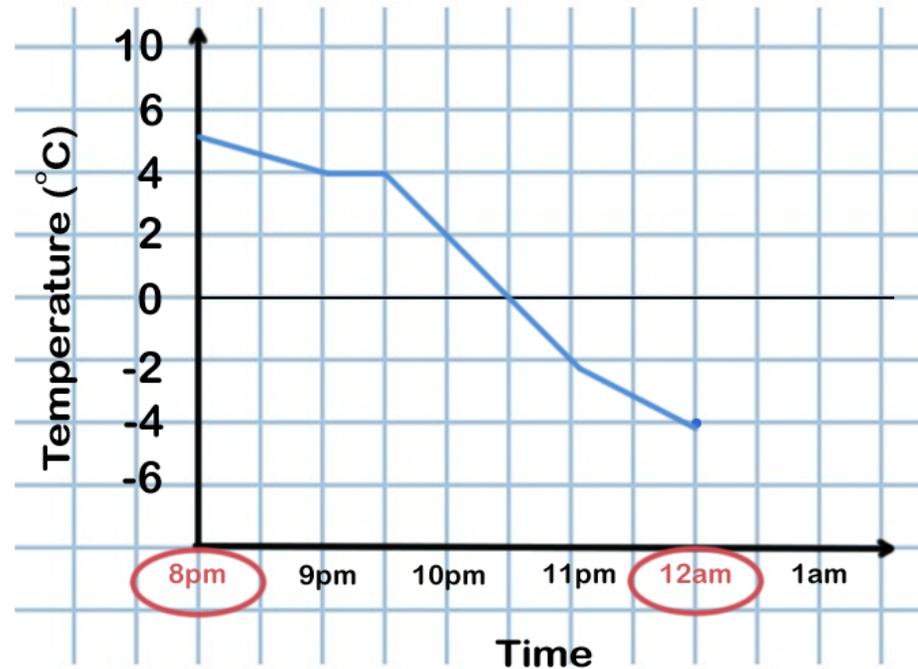
What time of day does the graph show temperatures for?



This line graph shows the change in temperature over a period of time.

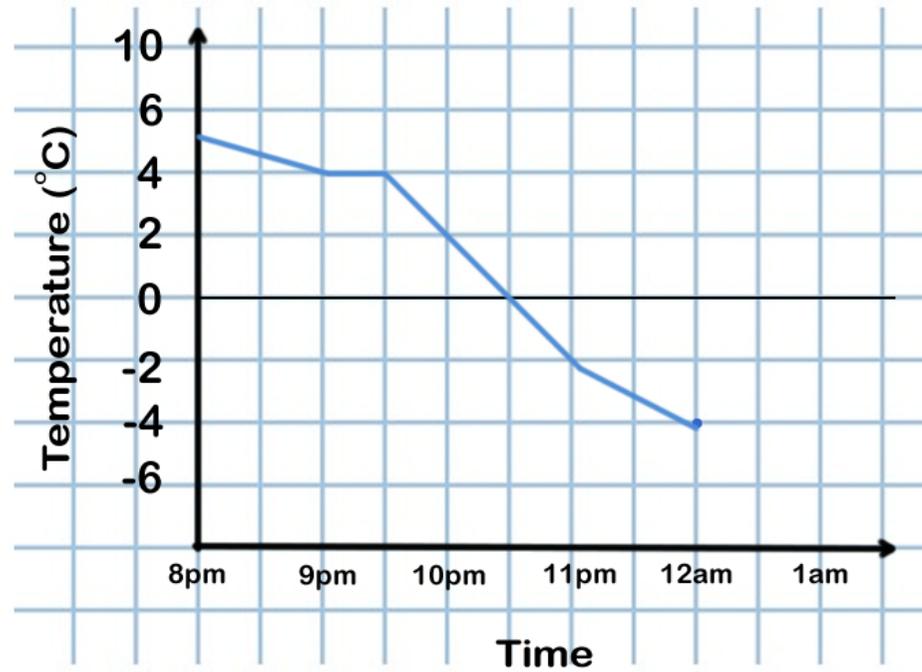
What time of day does the graph show temperatures for?

The graph shows the temperatures in the evening / night time, between 8pm and 12am.



What is 1 square worth on the vertical scale?

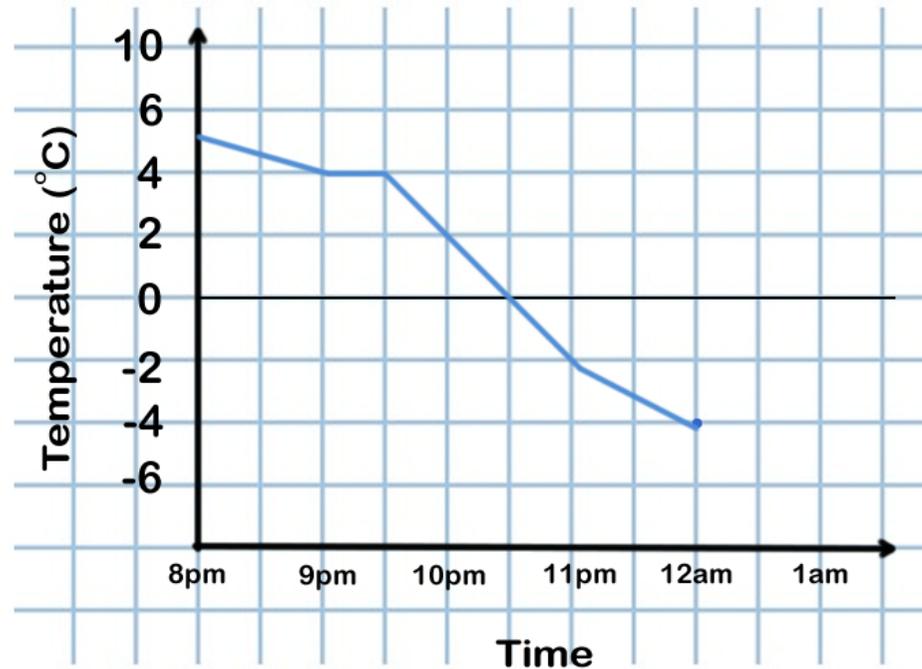
What is 1 square worth on the horizontal scale?



What is 1 square worth on the vertical scale?

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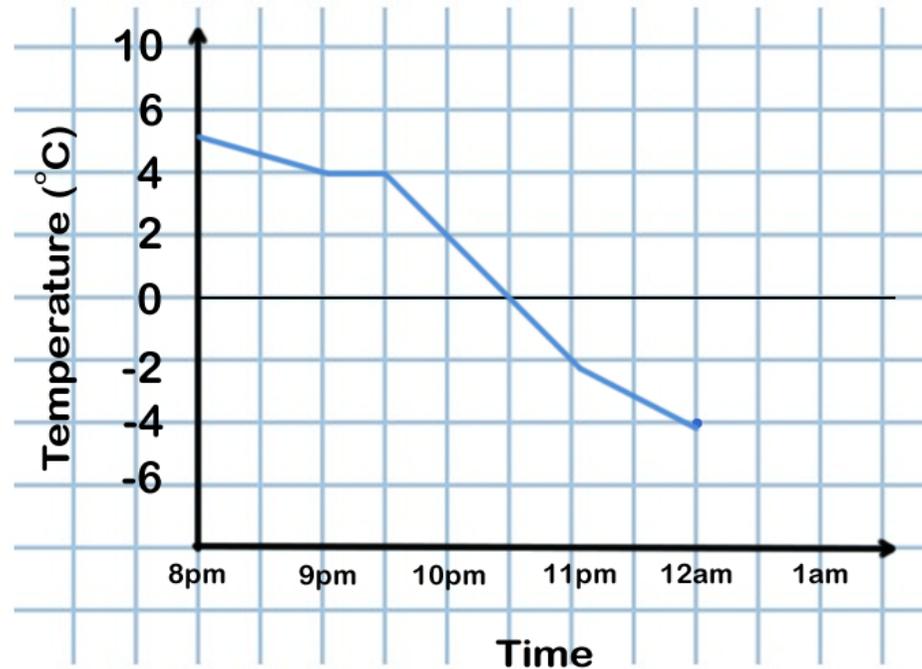
The vertical scale shows the temperature in degrees.
1 square on the vertical scale is worth **2°C**.
Each degree is half a square



What is 1 square worth on the vertical scale?

What is 1 square worth on the horizontal scale?

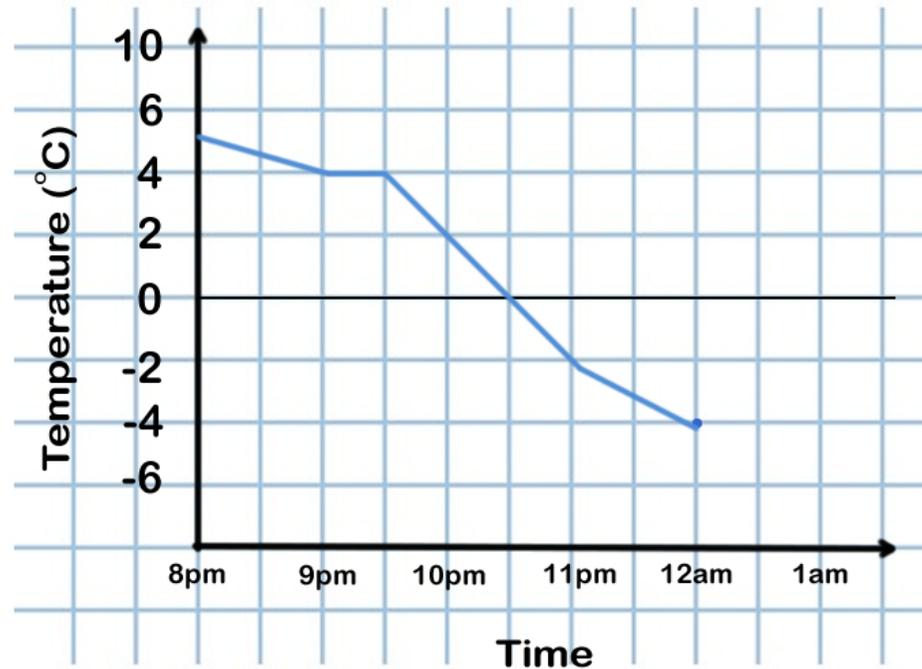
The vertical scale shows the temperature in degrees.
1 square on the vertical scale is worth **2°C**.
Each degree is half a square



The horizontal scale shows the time.
1 square on the horizontal scale is worth **half an hour**.
Each hour is shown by two squares.

What is 1 square worth on the vertical scale?
What is 1 square worth on the horizontal scale?

The vertical scale shows the temperature in degrees.
1 square on the vertical scale is worth **2°C**.
Each degree is half a square



The horizontal scale shows the time.
1 square on the horizontal scale is worth **half an hour**.
Each hour is shown by two squares.

*Why do you think these scales have been chosen?
Why hasn't 1 square = 1 hour been used on the horizontal axis?
Why does the vertical scale go up in twos?*