

To be able to read and interpret line graphs

MathShed

Starter:
Look at the line graph provided, which measurement doesn't belong?

Explain your answer.

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Activity 1:
Answer the following questions.

- What was the temperature at 3:00 pm?
- What is the coldest recorded temperature?
- At what time was the temperature -2.5°C ?
- Estimate the temperature at 6:30 pm?
- At what time was the temperature 3.5°C ?

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Activity 2:
Answer the following questions.

- What is the difference between the most and least amounts of cars on the town's roads?
- Which months saw a 10,000 increase in cars?
- What do you think happened after March?

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Activity 3:
Answer the following questions.

- In which month did both shops sell the same number of hats?
- How many more hats did Cap Chap sell than Top Hat in April?
- Another hat shop – Lit Lids – sold 5,000 more hats than Cap Chap each month, plot their line on the graph.

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Activity 4:
Write your own questions based in the line graph below.

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Evaluation:

The purple boat is the most expensive boat.

Is Astrobee's statement always, sometimes or never true?
Explain your answer.