

To be able to read and interpret line graphs

MathShed

Starter:
Which measurement is the odd one out?

Explain your answer.

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Activity 1:
Answer the following questions.

- What was the temperature at 3:00 pm?
- What is the hottest recorded temperature?
- At what time was the temperature -4°C ?
- Estimate the temperature at 5:00 pm?
- At what time was the temperature -3°C ?

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Activity 2:
Answer the following questions.

- What is the difference between the most and least amount of trees the forest has had?
- Which year saw a 10,000 decrease in trees?
- What do you think happened after 2016?

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Activity 3:
Answer the following questions.

- In which month did both shops sell the same number of shoes?
- How many more shoes did Front Foot sell than Super Shoes in May?
- Another shoe shop – Best Foot Forward – sold 5,000 less shoes than Front Foot each month, plot their line on the graph.

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Activity 4:
Match the labels to the correct graph.

A plane is parked on a runway that isn't at its home airport.

A plane flies halfway to another destination, but has to come back.

A plane is flying away from its base at a steady rate of 500 miles per hour.

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Evaluation:

The temperature is warmer at 3 pm than it is at 4 pm.

Is Astrobee's statement true or false?
Explain your answer.