

Lesson 3 Assessment

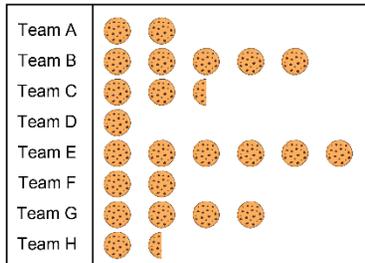
Using Different Types of Graphs

Using Different Types of Graphs

Identifies and interprets different types of graphs

“My soccer coach made this pictograph. I can see that my team, Team E, sold the most cookies in the fundraiser.”

Cookies Sold by Teams in Westvale Soccer League



Key: = 2 cases

Source: Data collected by students

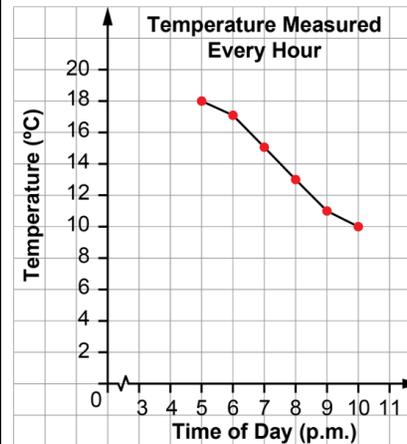
Recommends graph types based on the data to be shown and justifies choices

One evening, a student measured and recorded the temperature every hour. What type of graph should they draw to display it?

“I think they should draw a line graph. They have quantitative, continuous data that changes over time. They could use the graph to make predictions.”

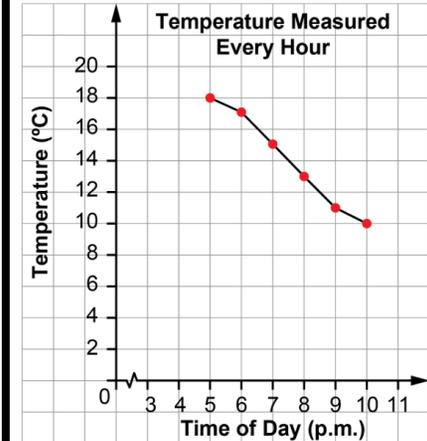
Draws appropriate graph to represent data

“I drew a line graph with the time on the horizontal axis and the temperature on the vertical axis. The graph shows that the temperature is steadily decreasing.”



Source: Data collected by students

Poses and answers questions about graphed data



Source: Data collected by students

“I wonder what the temperature would have been at 4:00 p.m. and at 11:00 p.m.?”

Since the temperature is decreasing by 1°C or 2°C every hour, I think at 4:00 p.m. it might have been about 19°C and at 11:00 p.m., it might have been about 9°C.”

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Observations/Documentation

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