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| **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.”*Source*: Data collected by students | Recommends graph types based on the data to be shown and justifies choicesOne 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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