|  |  |  |  |
| --- | --- | --- | --- |
| **Presenting Data Graphically** | | | |
| Creates different types of graphs  "I created a bar graph."  A picture containing text, line, screenshot, number  Description automatically generated  I created a broken-line graph. | Uses the given data to decide on the type of graph to draw, and justifies the choice  “I created a bar graph to show the number of coin tosses I made each minute for 5 minutes. Because the number of coin tosses each minute was discrete data, I needed to use separate bars for each minute.” | Asks and answers questions about  a graph    "Question:  What was the total number of coin tosses made in 5 minutes?  Answer:  The sum of all the bar heights is:  16 + 14 + 19 + 12 + 15 = 76  The total number of coin tosses made in 5 minutes was 76." | Suggests an alternative graph to display a given data set  “For the coin toss data, I could have used a picture of a coin to represent 1 toss and created a pictograph.” |

|  |  |  |  |
| --- | --- | --- | --- |
| **Observations/Documentation** | | | |
|  |  |  |  |