

Communicating What We Know About Line Plots and Graphs

Verbal Description

Noah asked eight of his friends, "How many teeth have you lost?" The chart shows their answers.

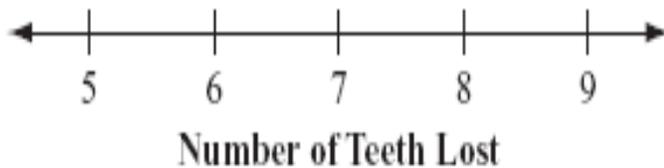
Chart

Number of Teeth Lost

Name of Friend	Number of Teeth Lost
Alex	6
Jennifer	8
Kyle	7
Cody	5
Amanda	8
Sammy	7
Dan	9
Sarah	8

Line Plot

Noah started to make the line plot below to show the data from his chart. Put **Xs** above the correct numbers to complete the line plot.



Communication

How many teeth did the students lose altogether?

How many students lost 7 or more teeth?

How many students lost 6 teeth or less?

Which friend lost the most teeth?

How many did he/she lose?

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Verbal Description

Mrs. Smith asked her students to record how many books they read in July. The chart displays the data from four students.

Chart

Books Read in July

Child	Number of Books
Joy	15
Mike	6
Carol	9
Randy	12

Graph

Create a pictograph that displays the information from the chart.

Be sure to include a title, correct labels, and a key for your pictograph. Your key **must not** represent only 1 book.

Communication

How many books did the children read altogether in July?

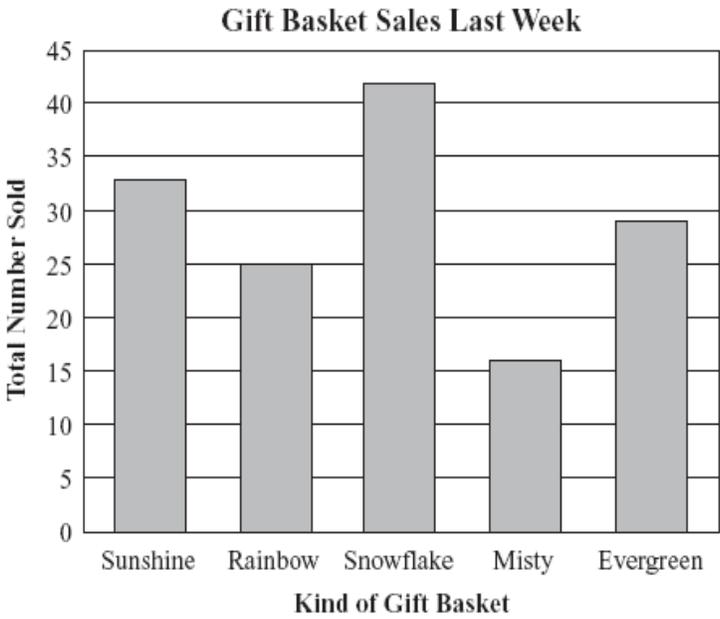
What number did you use for your key?

Explain why you chose this number.

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Verbal Description	Chart												
<p>Gilda's Gift Shop sells five different kinds of gift baskets. The graph below shows the total number of each kind of gift basket sold last week.</p>	 <p>The bar chart displays the total number of gift baskets sold for five different types. The y-axis is labeled 'Total Number Sold' and ranges from 0 to 45 in increments of 5. The x-axis is labeled 'Kind of Gift Basket' and lists the five types. The bars represent the following sales: Sunshine (33), Rainbow (25), Snowflake (42), Misty (16), and Evergreen (29).</p> <table border="1"><thead><tr><th>Kind of Gift Basket</th><th>Total Number Sold</th></tr></thead><tbody><tr><td>Sunshine</td><td>33</td></tr><tr><td>Rainbow</td><td>25</td></tr><tr><td>Snowflake</td><td>42</td></tr><tr><td>Misty</td><td>16</td></tr><tr><td>Evergreen</td><td>29</td></tr></tbody></table>	Kind of Gift Basket	Total Number Sold	Sunshine	33	Rainbow	25	Snowflake	42	Misty	16	Evergreen	29
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Interpretation	Communication												
<p>What was the total number of gift baskets that the shop sold last week?</p> <p>Show your work or explain how you got your answer.</p>	<p>For each basket sold, the shop donated \$5 to a local charity.</p> <p>For the week shown on the graph, how much did the shop donate to the charity?</p> <p>Show your work or explain how you got your answer.</p>												

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