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| **Presenting Data Graphically** |
| Compares the information from different graphs for the same data set Bar graphThe data for the bar graph are shown as percents in this circle graph.If I want to know how many students are in each grade, I would use the bar graph.If I wanted to compare the sizes of the classes, I would use the circle graph and compare the sectors. | Uses the given data to decide on the type of graph to draw, and justifies the choiceI created a circle graph to show the results of a student census. Because the number of students is large, I used a circle graph that shows percents to make it easier to compare the categories. | Asks and answers questions about a graphQuestion: What fraction of the students have Punjabi as their first language?Answer:The sector for Punjabi is 18%, which a little less than $\frac{1}{5}$ of the students. | Suggests an alternative graph to display a given data setFor the students’ first language data, the data is separated into categories, so I could also draw a bar graph. |

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| **Observations/Documentation** |
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