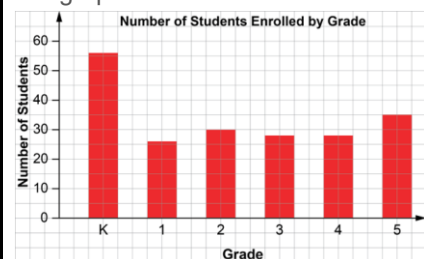# Lesson 2 Assessment
Presenting Data Graphically

Presenting Data Graphically

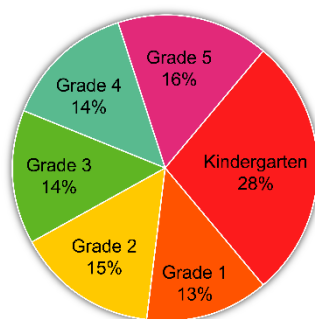**Compares the information from different graphs for the same data set**

Bar graph

Number of Students Enrolled by Grade

The data for the bar graph are shown as percents in this circle graph.

Students in School

- Grade 5 16%
- Kindergarten 28%
- Grade 1 13%
- Grade 2 15%
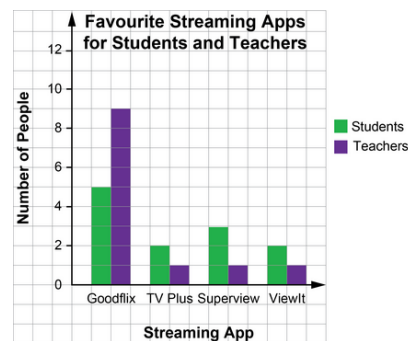- Grade 3 14%
- Grade 4 14%

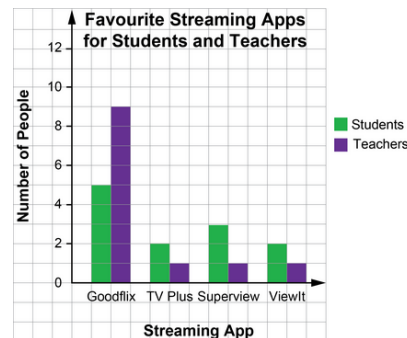If I want to know how many students are in each grade, I would use the bar graph.
If I wanted to compare the sizes of the classes, I would use the circle graph and compare the sectors.

Uses the given data to decide on the type of graph to draw, and justifies the choice

I created a double bar graph to show the favourite streaming apps for students and teachers. Because two sets of data are being compared, a double bar graph is appropriate. It makes it easy to compare the categories.

Favourite Streaming Apps for Students and Teachers

Asks and answers questions about a graph

Favourite Streaming Apps for Students and Teachers

Question: What do you know about the favourite streaming app of students and teachers?

Answer:
Goodflix was the favourite streaming app of both students and teachers. Almost all teachers (9 out of 12) chose Goodflix, while only 5 out of 12 students chose it.

Suggests an alternative graph to display a given data set

For the favourite streaming apps data, two circle graphs could also be drawn, one for the students' data and one for the teachers' data. For each circle graph, each data value can be written as a percent of the whole.

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Observations/Documentation			