



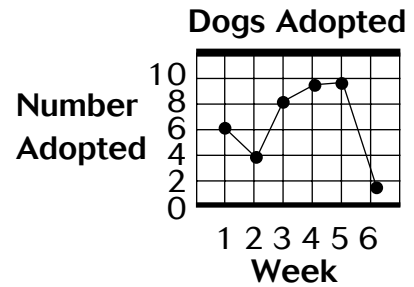
Name _____

Problem-Solving Skill Choosing the Best Graph

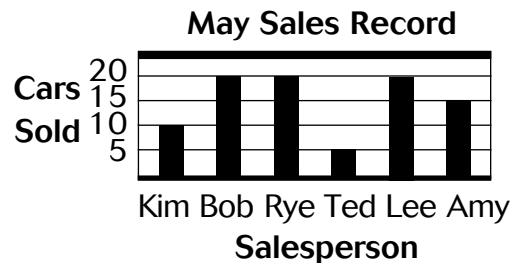
R 3-4

Different types of graphs are used for different purposes.

A **line graph** often shows how a set of data change over time with the horizontal axis showing the passage of time. Line graphs make it easy to see trends in data. When was a number increasing? How quickly? When was there little change?



Bar graphs and **pictographs** show specific numbers, like totals for a month. It is easy to compare data by comparing the heights of the bars or the numbers of symbols.



Circle graphs show parts of a whole. It is easy to compare data by looking at the sizes of the regions of the circle.

Which type of graph would be best for data on each situation in a music store?

- You want to show that the music store sells about 4 times as many country music CDs as jazz CDs. _____
- You want to show that sales at the music store have been falling steadily for the last 3 years. _____
- You want to show that current sales of Elvis's recordings are greater than sales of the Beatles' recordings. _____
- You want to show what part Oldies and Classic Rock CDs are of the entire collection of music in the store. _____