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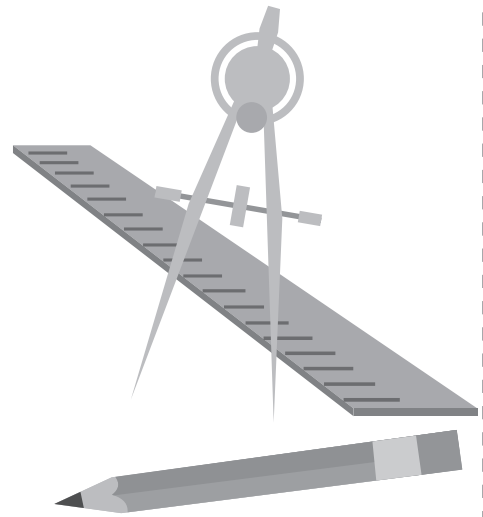
Date: _____

Daily Lesson

The Right Tool for the Right Job

Overview

- A **circle graph** is used when you want to show how information is divided.
- A **bar graph** is used when you want to compare different categories of information.
- A **line graph** is used when you want to show change over time.



Use these reminders to decide which kind of graph you would use in each of the following situations.

1. Mrs. Johnson wants to use a graph to compare how many brothers and sisters each of her students have. Which type of graph should she use?

2. Carlos wants to graph his weekly budget so he can get a picture of where he is spending his money. Which type of graph should he use?

3. Maryann needs to use a graph to show the bedtimes of different students in her class. She will use the graph to convince her parents that her bedtime is too early. Which type of graph should she use?

4. Ramon's teacher asks the kids to create a graph that shows the population growth in his town over the past 10 years. Which type of graph should Ramon use?

**Daily Lesson - continued**

5. Vivian planted a bean plant in science class and is creating a graph to keep track of how tall the plant is each week. Which type of graph should she use?

6. Coach Jenkins is creating a graph of practice time. He knows they have 100 minutes to practice, and he wants to graph how much time is spent on pitching, hitting, fielding, and running bases. Which type of graph should he use?

7. Charles watches a lot of TV each week. He wants to make a graph to show how many hours he watches each night. Which type of graph should he use?

8. Ms. Vince has some money to spend on books in the library. She wants to show how much of her budget she spends on mystery, fantasy, adventure, and realistic fiction. Which type of graph should she use?

9. Amelia is keeping track of the temperature in her backyard at 12:00, 2:00, 4:00, 6:00, and 8:00 during one day in July. She expects to show that the temperature gets warmer and then cooler. Which type of graph should she use?

10. The 5th graders at Valley Elementary School are given an assignment to graph the lengths of the 10 longest rivers in Texas. Which type of graph should they use?

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Reteach Lesson

Graphs and Tables

Overview

Circle graphs are graphical representations of how a whole is divided into parts. Bar graphs and Venn diagrams are ways to represent comparative data, but bar graphs are a better choice when there is a great deal of data. Line graphs are a good way to show change over time.

1. Using the graph to the right, how many degrees did the temperature drop in Austin, Texas between 3:00 PM and 9:00 PM?

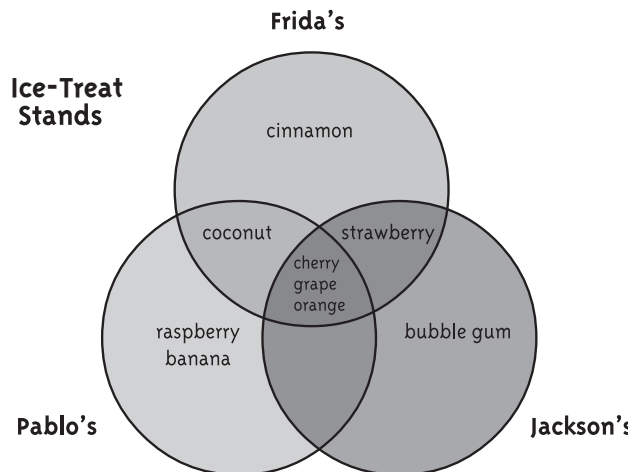
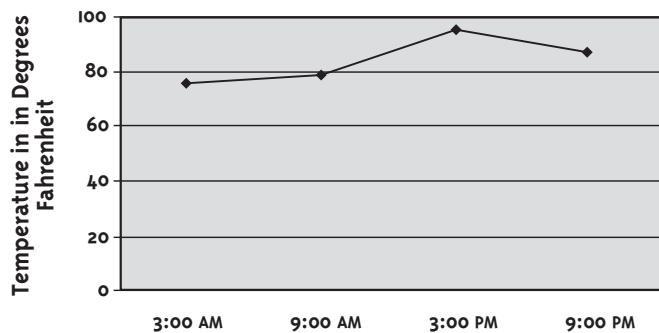
2. What is another question you can answer using this graph?

3. Look at the Venn diagram to the right.
- On a separate sheet of paper, write three true statements based on the diagram.
 - What is the total number of flavors at Frida's?

4. Look at the table to the right.
- If you bought two medium ice treats at Pablo's and paid with a five-dollar bill, how much change would you get?

- If you bought one large and one small ice treat at Frida's and paid with a ten-dollar bill, how much change would you get?

Temperature in Austin, TX on June 17, 2008



Ice-Treat Prices			
	Frida's	Pablo's	Jackson's
Large	\$2.15	\$2.15	\$2.25
Medium	\$1.20	\$1.35	\$1.35
Small	\$1.00	\$1.00	\$1.00



Reteach Lesson - continued

Lesson Review

5. What is 1,274.16 rounded to the nearest tenth?

6. List the common factors of 28 and 36.

7. Multiply 692×37 .

8. Multiply 455×96 .

9. Divide 678 by 4.

10. Two lines which intersect to form right angles are called _____ lines.

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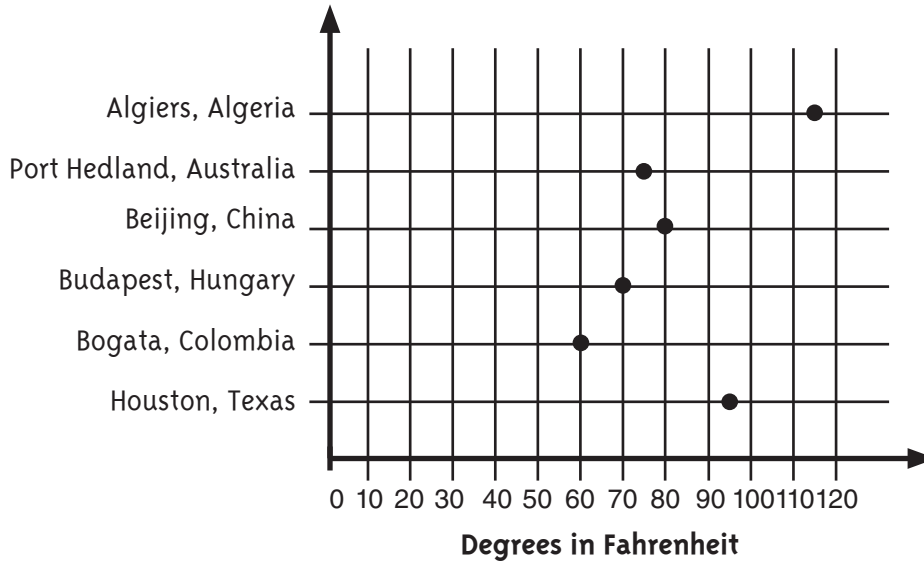


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F.L.I.P.S. Family Vacation

The Kennedy family is planning a vacation to one country from each of the six inhabitable continents in July. They want to plan the vacation very carefully. Will it be cold or hot when they get there? They researched the average July temperature in the countries they planned to visit. The following graph shows their findings:



They decided they would visit the countries in order of coolest to warmest temperature. When they arrived in each of the countries, they found the temperatures were not exactly what they had expected. Some countries were warmer than they thought and some were colder. They used this chart to keep track of the difference in temperatures.

Vacation Spot	Warmer or cooler than expected
Algiers, Algeria	10 degrees warmer
Port Hedland, Australia	5 degrees warmer
Beijing, China	15 degrees warmer
Budapest, Hungary	10 degrees cooler
Bogata, Colombia	5 degrees warmer
Houston, Texas	5 degrees warmer

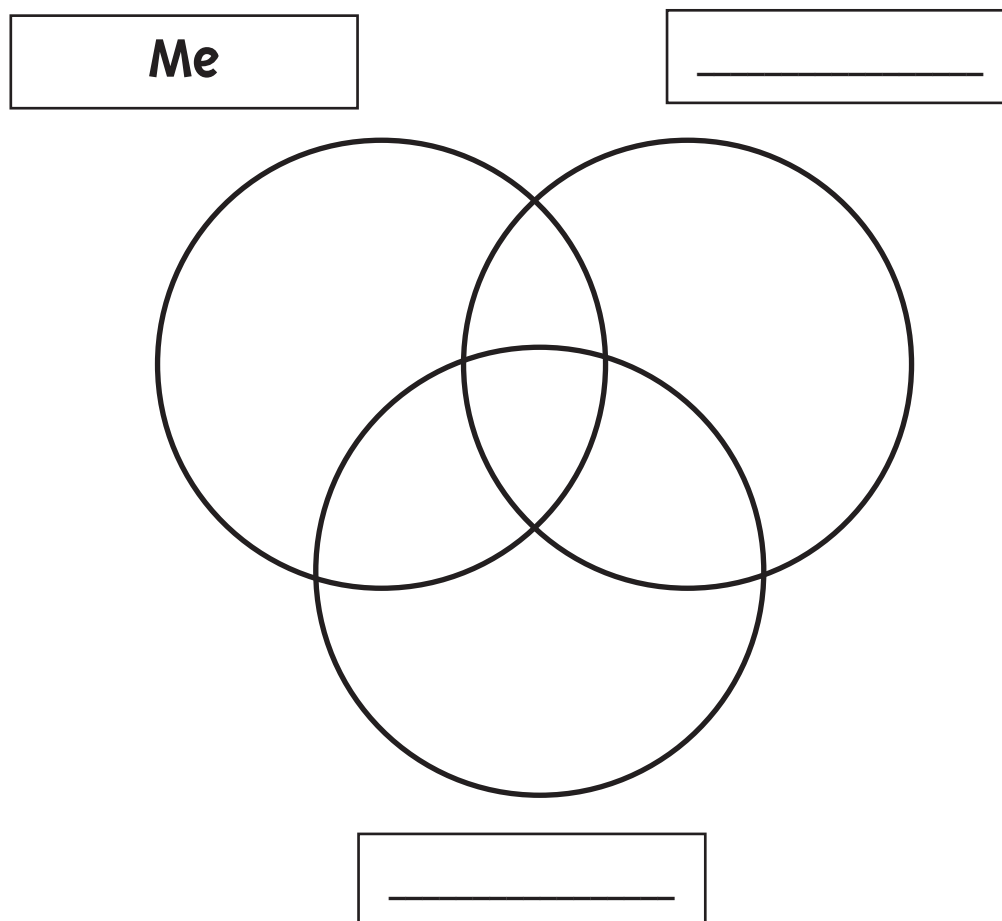
- Based on the graph of temperatures, in what order did they visit the countries?
- Based on the temperatures they found when they arrived in each country, in what order should they have visited the countries?



Home Connection Graphs and Table

A **Venn diagram** helps us to see specific similarities and differences when comparing information. What do you know about this type of diagram?

Fill in this Venn diagram with information about yourself and two other people you know very well. Be sure to label the circles on the lines provided. Include at least two traits in each section.



On another sheet of paper, write five conclusions you can make based on the information in this Venn diagram.

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