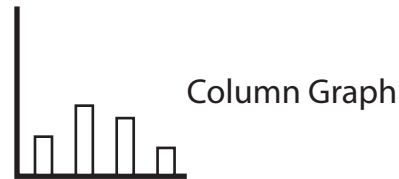


Lesson #33

Graphic Organizers: Clustered Bar and Column Graphs

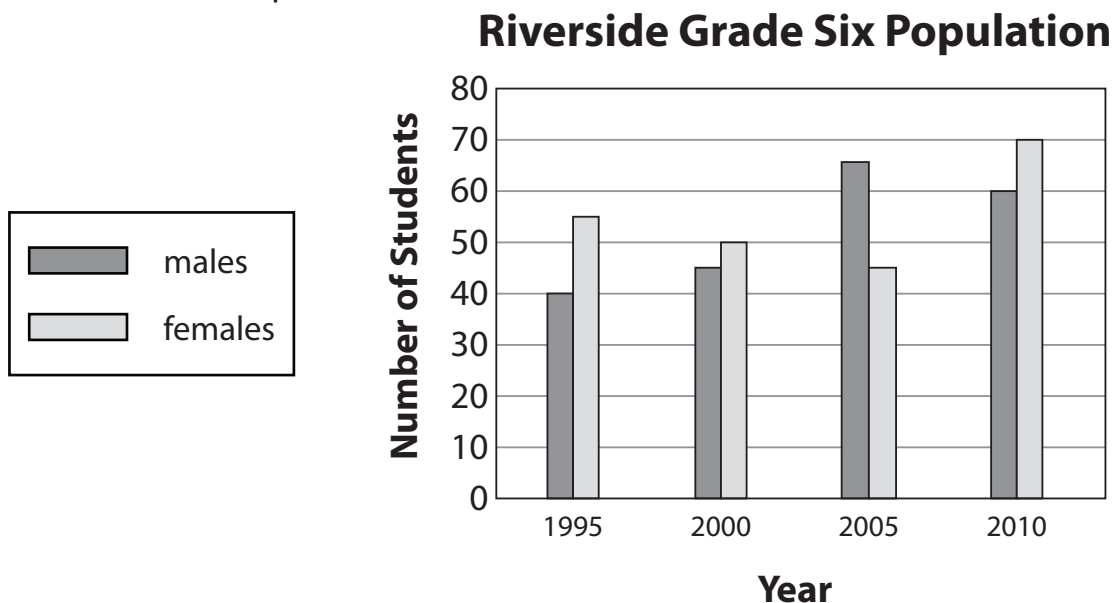
Graphs are charts that are used to plot information in an organized manner. Nearly every graph has a title and headings. Some include a legend or key which tells what the symbols or colors in the graph mean.

Bar graphs and column graphs display trends over time. The names refer to the directions in which the information is portrayed. Bars are horizontal and columns are vertical.



Clustered bar graphs and column graphs are similar to the graphs above and are read in the same manner. However, in a clustered graph you can see multiple entries within the same time period.

Look at this example.



Notice that this column graph has two entries per year: one bar indicates male and the other indicates female population counts. Look at the key to the left of the graph to see which bar represents males and which represents females. In 1995, you can see that the male population at Riverside was 40 students and the female student population was 55.

Use the clustered column graph above to answer questions 1 – 5. Be sure to look at the title, headings, and the key for clues.

1. In the year 2000, what were the male and female populations, respectively?

male _____ female _____

2. *Respectively* means _____.

politely in that order totally backwards

3. Which year saw more males than females in 6th grade at Riverside?

1995 2000 2005 2010

4. What was the timespan included in the population study?

95 days 4 semesters 15 years 20 years

5. During that time period, what was the total

male enrollment? _____ female enrollment? _____

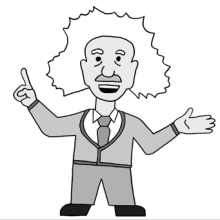
6. Locate the Sample Table of Contents entry in the *Help Pages*.
On which two pages will you find crossword puzzles?

7. A Venn diagram is most similar to a _____.

A) photograph of Venice C) pyramid
B) three column chart D) column graph

Study Strategy

Word Search puzzles are a fun way to increase your vocabulary. However, crossword puzzles will teach you new vocabulary words and their meanings.



8. Circle the word game that teaches you more words along with their meanings.

word search crossword puzzle