

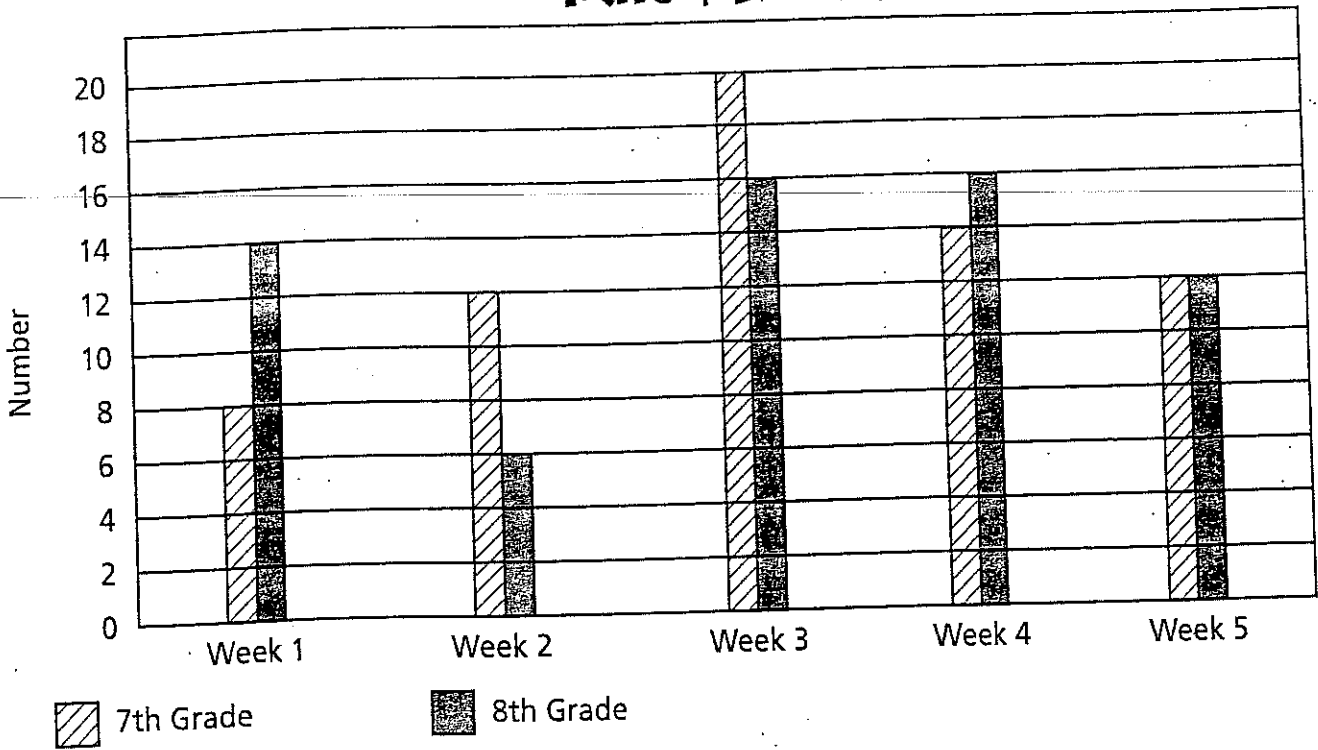
Name \_\_\_\_\_

# TREE TIME

A **double bar graph** enables you to compare sets of information. The seventh and eighth grade classes at Wellbern Middle School participated in a community beautification project. They planted trees over five weekends. This double bar graph compares their results.



## TREES PLANTED



Use the double bar graph to answer the questions.

- How many trees were planted altogether? \_\_\_\_\_
- What percentage of the trees did the eighth grade class plant? (Round to the nearest percent.)  
\_\_\_\_\_
- During which week was the most planting done? \_\_\_\_\_
- What was the greatest number of trees planted by one class in one week? \_\_\_\_\_
- How many more trees did the seventh grade class plant than the eighth grade class?  
\_\_\_\_\_
- What was the average number of trees planted per week? \_\_\_\_\_
- How many trees were planted during week 2? \_\_\_\_\_
- Write a fraction to show how many weeks had less than the average number of trees planted. (Write the fraction in lowest terms.) \_\_\_\_\_

Name \_\_\_\_\_

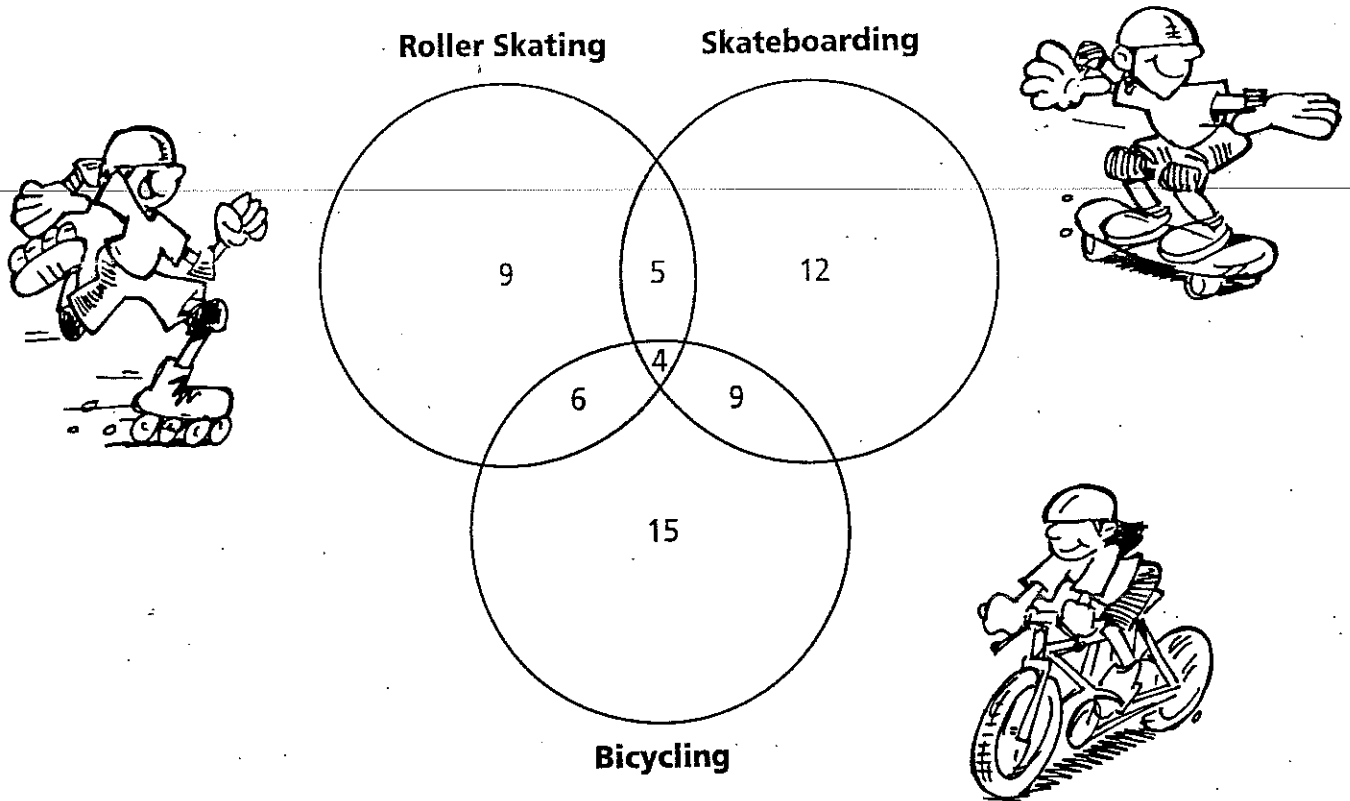
# FROM HERE TO THERE

Reading a Venn diagram

A **Venn diagram** uses circles to show relationships between sets of data and how the information may overlap.

This Venn diagram shows the favorite types of transportation of the 60 students at Grover Jr. High.

## FAVORITE TRANSPORTATION



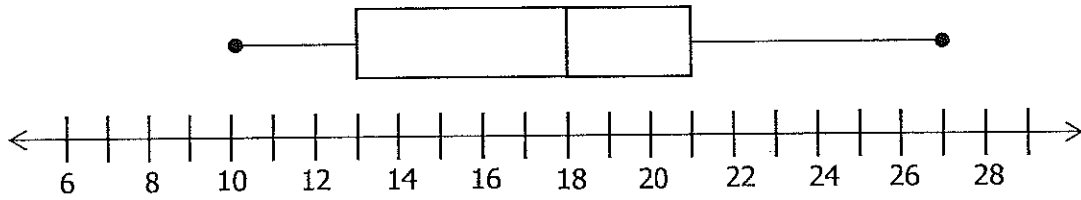
Use the Venn diagram to answer the questions.

- A. Which is the most popular form of transportation? \_\_\_\_\_
- B. In all, how many students like to skateboard? \_\_\_\_\_
- C. How many students like all three types of transportation? \_\_\_\_\_
- D. What percentage of the students only like to ride bicycles? \_\_\_\_\_
- E. Write a fraction to show how many of the students like both roller skating and skateboarding, but not bicycling. (Show it in lowest terms.) \_\_\_\_\_
- F. Which is the least popular type of transportation? \_\_\_\_\_
- G. What percentage of students do not like to skateboard? \_\_\_\_\_
- H. Which type of transportation was selected as the only choice for 15% of the students? \_\_\_\_\_

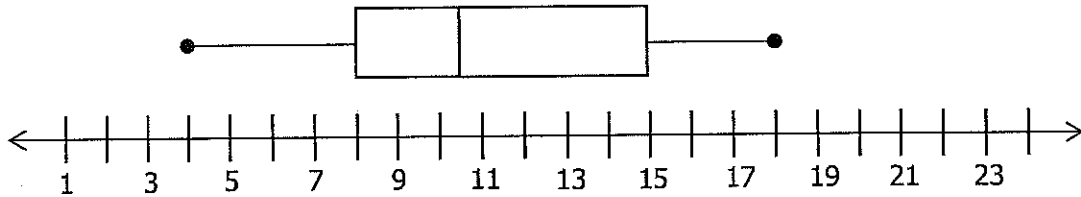
# BOX AND WHISKER PLOTS #1

Name \_\_\_\_\_ Class \_\_\_\_\_

Answer the following questions using the provided Box and Whisker Plots.



1. What is the range? \_\_\_\_\_
2. 13 would be called the \_\_\_\_\_.
3. What is the median? \_\_\_\_\_
4. What fraction represents numbers between 21 - 27? \_\_\_\_\_
5. What is the upper median? \_\_\_\_\_
6. The upper extreme is what? \_\_\_\_\_



7. What is the lower median? \_\_\_\_\_
8. What is the upper median? \_\_\_\_\_
9. What is the median? \_\_\_\_\_
10. What is the range? \_\_\_\_\_
11. A quartile represents what percentage of numbers? \_\_\_\_\_
12. 75% of the numbers are smaller than what? \_\_\_\_\_
13. 4 would be called the \_\_\_\_\_.

