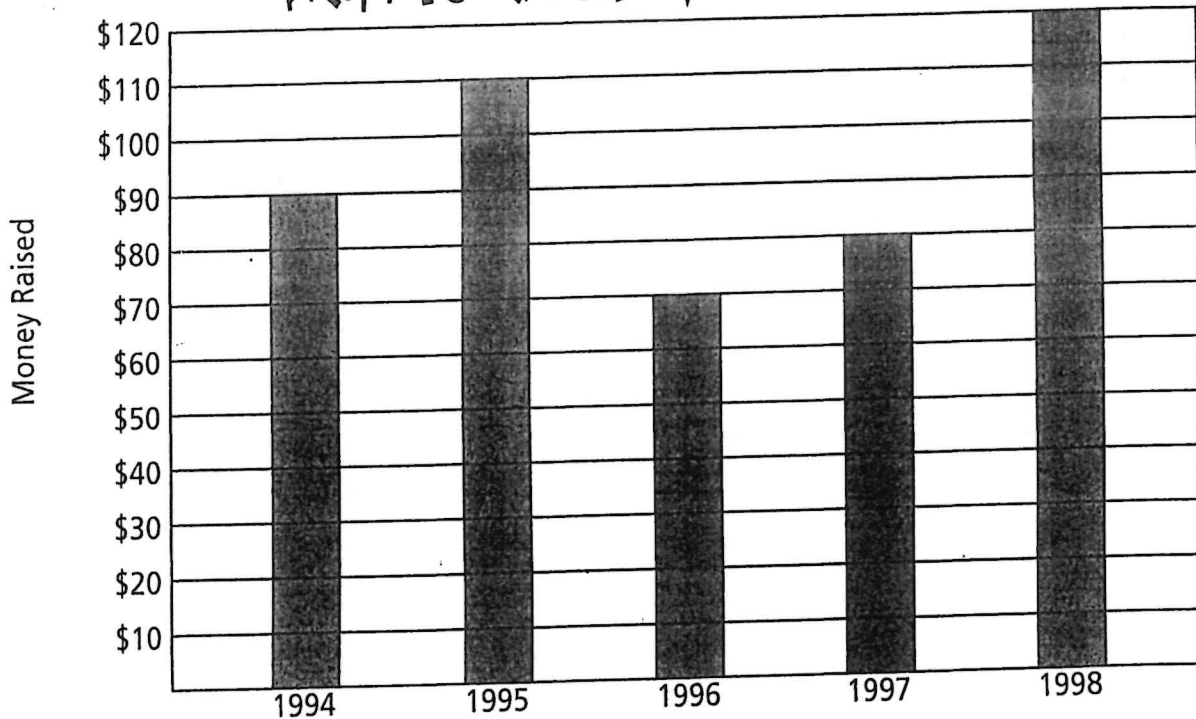


# WASH DAY

A **bar graph** uses bars to show numerical information. To make sense, a bar graph must include a label for each bar and a scale to show the amount each bar stands for.

Mr. Henry's eighth grade science class wants to raise one hundred dollars for a field trip to the Natural History Museum. They've decided to hold a car wash. This bar graph shows how successful previous car washes have been.

## PROFITS RAISED WITH CAR WASHES



Use the bar graph to answer the questions.

- A. Which year were the profits the lowest? \_\_\_\_\_
- B. What was the average amount made per year? \_\_\_\_\_
- C. How much profit was made in 1995? \_\_\_\_\_
- D. Which year showed the greatest increase? \_\_\_\_\_
- E. Which year showed the greatest decrease? \_\_\_\_\_
- F. Is there a predictable trend in sales? \_\_\_\_\_
- G. Are the students certain to reach their goal with a car wash? \_\_\_\_\_
- H. What fraction of car washes made over one hundred dollars? \_\_\_\_\_



Name \_\_\_\_\_

# TALL TALES

Creating a bar graph

The 10 players on the boy's basketball team are the tallest in their class. Create a bar graph using the information below to show their heights.

Gary is 5 feet 9 inches tall.

Paul and Ray are the shortest by one inch.

Alonzo is one inch shorter than Gary and one inch taller than Nick.

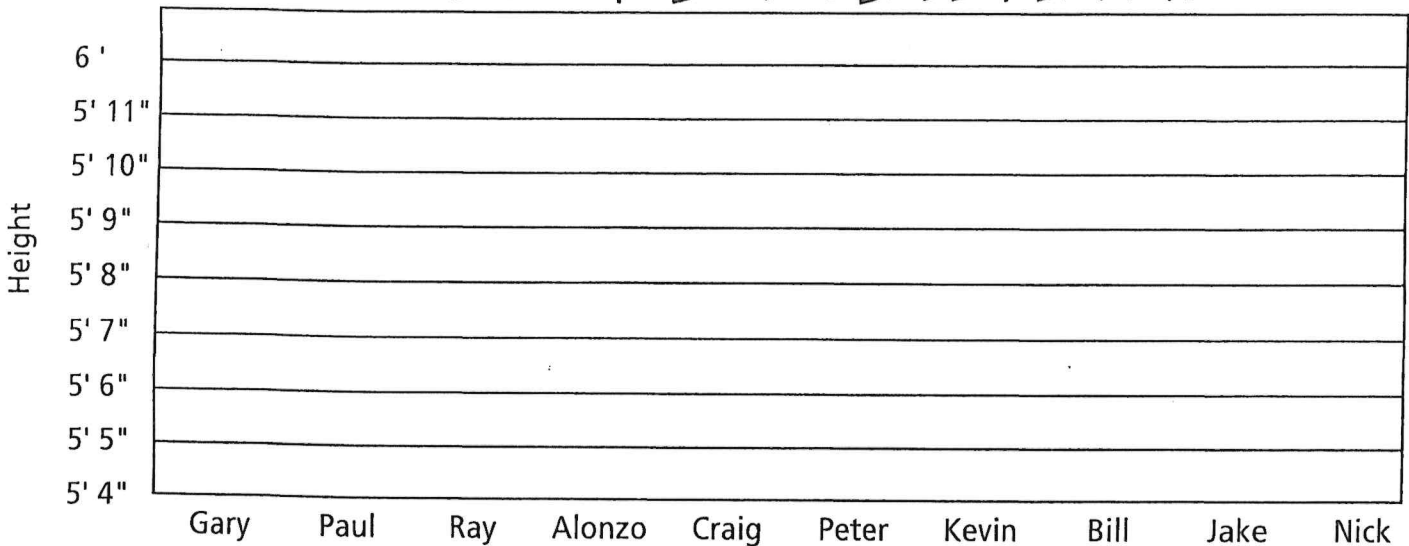
Kevin and Bill are two inches taller than Alonzo.

Jake is 5 feet 8 inches tall.

Craig and Peter are the tallest by one inch.



## HEIGHTS OF BASKETBALL PLAYERS



Use the bar graph to answer the questions.

- A. Is Kevin taller than Craig? \_\_\_\_\_
- B. How tall is Raymond? \_\_\_\_\_
- C. How many boys are taller than Gary? \_\_\_\_\_
- D. What is the average height of the team? (Round to the nearest inch.) \_\_\_\_\_
- E. What is the difference in height between the shortest and the tallest boys? \_\_\_\_\_
- F. What percentage of the players are taller than 5 ft 7 in.? \_\_\_\_\_
- G. Write a fraction to show how many players are shorter than 5 ft 9 in. (Write the fraction in lowest terms.) \_\_\_\_\_