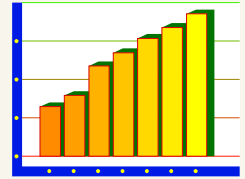
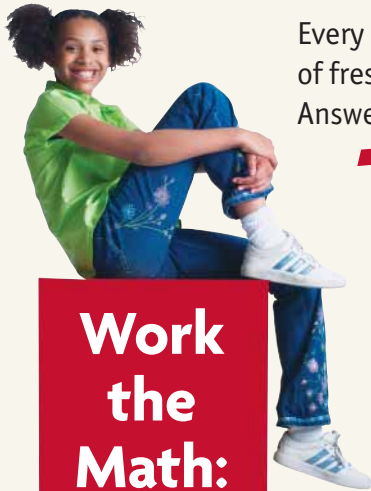


FAMILY ACTIVITY 2: Bar Graphs

Water: How Much Do You Consume?



Name: _____ Date: _____



**Work
the
Math:**

Every week the United States uses more than 3 billion gallons of fresh water. How much does your family use each week? Answer the questions below to chart your weekly water usage.



- Survey your family members to find out how many water-related activities they do each week. Fill in the first column in the chart to the left below with the total number of times your family does each activity. Complete the remaining column of the table by multiplying the total number of times each activity is done per week by the estimated number of gallons used.

Fun Fact

Water leaks account for 13.7% of daily water use. Based on this fact, an actuary could determine that, if all water leaks in the U.S. were fixed, we could save more than 60 billion gallons of water each day!

Household Water Usage

Water-related Activity	Total # of Times/Week	Estimated Gallons Used Each Time	Total Gallons Used/Week
Take baths		40	
Take showers		25	
Run water while brushing teeth		2	
Run water when washing dishes by hand		10	
Run water until it's cold to get a drink		0.25	

My Family's Water Use



- Graph It** Use the blank graph to the right above to create a bar graph that shows the total number of gallons your family uses for each activity.

- Study the graph you created. In which activity did your family use the most water? _____ The least water? _____
 - What was the total number of gallons your family used in one week for all activities combined? _____
 - Of the activities you graphed, name *one* that wastes water. _____ How much water could your family save per *month* if you changed your behavior (e.g., stopped running water while brushing your teeth or took shorter showers)? _____

ANSWERS: Answers will vary depending on individual water usage.