

NAME _____

DATE _____

ENVIRONMENT AND CONSERVATION

Every Drop Counts

Read each question. Write your best guess for each. Then solve each math problem to find the actual answer.



| | | Your Best Guess | Actual Answer |
|----|---|-----------------|---------------------------------------|
| H. | How many gallons of water per day may be wasted by a leaky faucet? | | $(5 \times 2 - 3) \times 5 =$ |
| M. | How many gallons of water can be saved in one week just by turning off the faucet while you brush your teeth? | | $(100 \div 5) \times 6 - 4 - 1 =$ |
| E. | If you use water in a bucket instead of a hose with running water to wash your car, how many gallons of water can be saved? | | $25 \times (3 \times 2) =$ |
| G. | How many gallons of water can be saved each month by waiting to run the washing machine until it is full of laundry? | | $(68 - 13) \times 10 =$ |
| E. | When children play with the garden hose, how many gallons of water are wasted each minute? | | $(2 \times 8) - (10 - 2) =$ |
| L. | Shorten your showers by a minute or two. How many gallons of water can this save in one month? | | $20 \times (5 \times 7) =$ |
| P. | What percentage of Earth's water is available to drink? | | $(84 \div 4) - 20 =$ |
| E. | How many gallons of water does the average American use each day? | | $(7 \times 2) \times (100 \div 10) =$ |
| R. | How many gallons of water are used to flush a toilet once? | | $1.5 \times 5 =$ |
| S. | What percentage of streams in the United States are considered to be in poor condition? | | $(100 - 58) \times 1 =$ |

What has five eyes and sleeps on a waterbed?

To solve the riddle, write each letter from above on the line or lines below that match the actual answer.

H M E G E L P E R S
 T U V W X Y Z