

Water Use Math Quiz

Activity: Using the information from your weekly water use report card on the other side, figure out how much water you use on average every day.



Multiply the number of showers you took ____ by the number of minutes per shower ____ by the amount of water your showerhead uses per minute (5.5 or 2.5 gallons) ____ = ____ gallons. Multiply the number of baths you took ____ by 36 gallons = ____ gallons. Add your shower and bath totals = ____ gallons. Divide by 7 and put your answer in the box at right.

Average daily bath/shower water use:

gallons



Multiply the number of times you flushed the toilet ____ by the amount of water your toilet uses with each flush (5 or 1.6 gallons) ____ = ____ gallons. Divide by 7 and put your answer in the box.

Average daily toilet water use:

gallons



Multiply the number of times you brushed your teeth ____ by the amount of water you used with each brushing (6 or .5 gallons) ____ = ____ gallons. Divide by 7 and put your answer in the box.

Average daily teeth-brushing water use:

gallons



Multiply the number of times you washed your hands or face ____ by the amount of water you used with each washing (3 or 2 gallons) ____ = ____ gallons. Divide by 7 and put your answer in the box.

Average daily hand and face-washing water use:

gallons



Multiply the number of times you did the dishes ____ by the amount of water you used (20 or 5 gallons) ____ = ____ gallons. Divide by 7 and put your answer in the box.

Average daily dishwashing water use:

gallons

Add the average daily totals to find out how much water you use every day at home.

What's your average daily water use? _____ gallons a day

Is it more or less than the New York City average of 125 gallons a day? _____

Is it more or less than the Canadian average of 50-60 gallons a day? _____