

# Water Usage

Make a prediction about how many gallons of water you use in your household each day: 125 gallons.

Track the amount of times you do each activity. Then multiply the number of times you completed each activity by the average amount of water per gallon. For showers, calculate based on the length of shower (in minutes) to find the total amount of water. Finally, add up the total amounts of water for your household.

Water Use Activity	Number of Times in a day	Average Amount of Water Used (gallons)	Total Water Used for Each Activity
Shower	(how many total minutes) <b><math>7 + 5 + 10 = 22</math></b>	2.5/minute	<b>55 gallons</b>
Bath		70 gallons per bath	
Washing Machine	<b>2 loads</b>	19 gallons	<b>38 gallons</b>
Dishwasher	<b>1 load</b>	6 gallons/load	<b>6 gallons</b>
Brushing teeth with water running	<b>8 times</b>	4 gallons	<b>32 gallons</b>
Washing hands with water running	<b>18 times</b>	3 gallons	<b>54 gallons</b>
Toilet Flushing	<b>30 times</b>	7 gallons per flush	<b>210 gallons</b>



Total gallons used in a day	<b>395 gallons</b>
Number of people in your household	<b>4</b>
Total number of gallons per person in your family. (total ÷ amount of people in family)	<b><math>395/4 = 98.75</math> gallons</b>

Name: \_\_\_\_\_

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Total gallons used in a day			
Number of people in your household			
Total number of gallons per person in your family. (total ÷ amount of people in family)			

