

How much water do you use?

Here is a list of ways that you and your family use water. Use the following information to complete the graph below. Fill in one block for every 25 litres of water used. The first one is completed for you.

Bath	113.75 litres
Brushing Teeth (2 times)	22.75 litres
Flushing Toilet	22.75 litres
Laundry (1 load)	182 litres
Shower (5 minutes)	227.5 litres
Washing Dishes	91 litres
Washing Hands	22.75 litres

325							
300							
275							
250							
225							
200							
175							
150							
125							
100							
75							
50							
25							
Litres	Bath	Brushing Teeth	Flushing Toilet	Laundry	Shower	Washing Dishes	Washing Hands

Questions:

- On average, you flush the toilet 5 times each day. How much water do you use to flush the toilet each day?
- How many litres of water would be used if you took a 10-minute shower?
- If you turn off the water when you are brushing your teeth, you would use less than 1 gallon of water to brush your teeth two times. What other kinds of things could you do to conserve water?
- How many cups of water do you drink per day? There are 3.5 cups in one litre. How long does it take you to drink a litre of water?
- If you do four loads of laundry on Saturday, how much water will you use (for laundry only)?

Family Water Usage :

Keep track of how much water you and your family uses in one day. You will have to do some calculations to estimate the amount of water that you and your family members use per day. For example, if you take a 10-minute shower instead of a 5 minute shower, you will use 455 litres instead of 227.5 litres. Do your best at estimating.

Number of Family Members in Household _____

Water Used For...	Number of Times per Day	Estimated Amount	Total Litres
Bath		113.75 litres	
Brushing Teeth (2 times)		22.75 litres	
Flushing Toilet		22.75 litres	
Laundry (1 load)		182 litres	
Shower (5 times)		227.5 litres	
Washing Dishes		91 litres	
Washing Hands		22.75 litres	
Other			
		Total	

1. What are other uses of water that were not on the list above? For example, washing a car is not done every day, but it does use a lot of water.
2. How much water did you and your family use in one day?
3. Estimate how much you and your family would use in one week. Do this by multiplying your total by 7 (days/week).
4. Estimate how much water that you and your family use in one year.
5. What do you or any of your family members do to help conserve water? For example, not doing laundry until you have a full load to wash.

6. What other types of things could you and your family do to conserve water?
7. "The fact that we use water does not mean that we actually consume it." Explain this statement.

Use pages 476-481 of your textbook to answer the following questions:

8. What are the advantages and disadvantages of using groundwater as a source of fresh water?
9. Compare instream uses with withdrawal uses. p. 447 tx
10. List four reasons why the demand for water will probably increase in the future.