

We often forget about the amount of water that we use in a day, though it is one of our most precious resources. You will track the amount of water used by you over a 24 hour period.

Questions	Data	Total gallons used (fill in for each section for the "total gallons per day" question to add up everything later!)
Toilet		
# of daily flushes		
Avg. Gallons per flush	3-5 gallons	
Total gallons per day (toilet)		
Shower		
Average length of shower		
# of showers per day		
Avg. Gallons per minute (shower)	3.5 gal	
Total gallons per day (shower)		
Baths		
# of baths per day		
Average gallons per bath	6 gal	
Total gallons per day (bath)		
Faucets		
# of MINUTES faucet is on (including brushing teeth, washing hands, food prep, cleaning, etc.)		
Average gallons per minute	2 gal	
Total gallons per day (faucets)		
Dishwasher		
# of loads per day		
Average gallons per load	10 gal	
Total gallons per day (dishwasher)		
Washing clothes/ Washer		
# of loads per day (if once every 5 days, put in 0.20 loads per day, once every 2 days, 0.50 loads per day, etc.)		
Average gallons per load	Front loading = 23.6 gal OR Top loading = 50 gal	
Total gallons per day (washer)		
Washing car/watering lawn (anything using a garden hose)		
# of minutes water runs		
Average gallons per minute	7 gal	
Total gallons per day (garden hose)		
Total number of gallons used in a day=		
<i>NOTE: Average person in USA uses 95-100 gal/day</i>		

Part 2: Calculations and Questions

Show your work and all units to receive full credit.

1. Total amount of **water** in a month (ASSUMING 1 MONTH= 30 DAYS) =
2. Total amount of **water** used in 1 year (ASSUMING 1 YEAR=365 DAYS) =

Water Audit Reflection

Many American’s do not use water sustainably. For this assignment, you are going to be writing a letter to your family trying to convince them to make 1 small change to reduce the amount of water consumed by your household.

Use this Claim-Evidence-Reasoning (or CER) format as a guide to set up a persuasive paragraph.

1. What is the question you are trying to answer?

