

# How Much Water?

1. How much water do you drink each day?
2. How much water do you use each week?
3. Describe containers that would hold the amount of water you use in a week, a month, a year, and a lifetime.

# How Much Water?

1. Some health experts suggest people drink 8 glasses filled with 8 ounces of water each day.
  - a. How many 16.9 ounce disposable water bottles is that?
  - b. How many 32 ounce reusable water bottles is that?
  - c. How many 2.75 inch diameter cylindrical glasses filled to a 5 inch height with water is that?
2. How much water do you use each week? Complete the table to find out.

	<b>gallons of water per each</b>	<b>times per day</b>	<b>times per week</b>	<b>volume of water</b>
<b>brush teeth</b>	0.5			
<b>wash hands</b>	1			
<b>flush toilet</b>	1.6			
<b>shower for 1 minute</b>	2			
<b>hand wash dishes from 1 meal</b>	3			
<b>run dishwasher</b>	10			
<b>load of laundry</b>	25			
<b>total</b>				

3. Describe containers that would hold the amount of water you use in a week, a month, a year, and a lifetime.
  - a. How many 16.9 ounce disposable water bottles?
  - b. How many 40 gallon bathtubs?
  - c. How many 20,000 gallon swimming pools?

d. Design your own container. Give the dimensions needed to calculate its volume.  
Consider if it could safely hold that much water.