NAME \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_  
WATER USE CALCULATOR  
Follow Water Conservation tips LINK on the homework calendar.  
<http://www.nationalgeographic.com/environment/freshwater/water-conservation-tips/>  
  
**AT HOME:**  
 Which is more water efficient? Taking a bath Taking a shower  
  
 Which is more water efficient? Washing dishes by hand Washing dishes with a dishwasher  
  
 Which is more water efficient? Top loading washing machine Front loading washing machine

**YARDS and POOLS:** What % of person’s household water footprint can go toward lawn and garden maintenance? \_\_\_\_\_\_\_%

**DIET:**  
 The amount of water used to PRODUCE FOOD in the US = \_\_\_\_\_\_\_\_\_ gallons/per person/per day.  
  
 The GLOBAL AVERAGE for ALL OF THESE (food, home, diet, household use, transportation, and   
 consumption of material goods) = \_\_\_\_\_\_\_ gallons/per person/per day.

The water used to make a Quarter pounder equals more than \_\_\_\_\_\_\_\_ average showers.  
  
**TRANSPORTATION:** Washing a car uses about \_\_\_\_\_\_\_\_\_ gallons of water, so by washing less frequently you can cut back   
 your water use.

A gallon of gasoline takes nearly \_\_\_\_\_\_\_\_\_ gallons of water to produce. Combine your errands, car   
 pool to work, or take public transportation to reduce both your energy and water use.

**CONSUMER POWER:** It takes about \_\_\_\_\_\_\_\_ gallons of water to grow and process a single pound of cotton, If the average   
 American goes through about 35 pounds of new cotton material each year, how many gallons of water will   
 that consume? \_\_\_\_\_ gallons. Do you really need that additional T-shirt?

The water required to create your laptop could wash nearly \_\_\_\_\_\_ loads of laundry in a standard   
 machine.

Recycling a pound of paper, less than the weight of your average newspaper, saves about \_\_\_\_\_\_ gallons   
 of water. Buying recycled paper products saves water too, as it takes about \_\_\_\_ gallons of water to   
 produce a $1 worth of paper.

FOLLOW Water Calculator LINK on the homework calendar.   
Answer the questions and calculate the water footprint for your household.

<http://www.nationalgeographic.com/environment/freshwater/water-conservation-tips/>  
  
 Your water footprint Your Household  
  
 \_\_\_\_\_\_\_\_\_\_ Gallons/Day \_\_\_\_\_\_\_\_\_\_ Gallons/Day   
  
  
 The U.S. average is \_\_\_\_\_\_\_\_\_\_\_\_\_\_ Gallons/Day.

I use less water than average I use about the average I use more water than average

**SCROLL down to see your answers.  
  
List the 3 items that have the highest scores. Click on tips and see how you could lower your score.  
  
1. \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_  
  
 TIPS:   
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**2. \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_  
  
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**3. \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_  
  
 TIPS:   
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<http://www.nationalgeographic.com/environment/freshwater/water-conservation-tips/>

<http://www.watercalculator.org/>