

# Water Footprint Activity Sheet

Gallons to Liter conversion:

Write your formula:

Example:

80L = ? gal

Answer: \_\_\_\_\_

300L = ? gal

Answer: \_\_\_\_\_

5000L = ?gal

Answer: \_\_\_\_\_

## Multiple Choice

- 1) What percentage of water on earth is Freshwater
  - a. 3%
  - b. 5%
  - c. 30%
  - d. 75%
- 2) Which one of the following is an example of indirect water use
  - a. Washing the dishes
  - b. Taking a shower
  - c. A plate of food
  - d. Dog drinking water
- 3) Each American uses a daily average of how many liters of direct water at home?
  - a. 57 liters
  - b. 88 liters
  - c. 152 liters
  - d. 333 liters
- 4) What is the US average daily total water use?
  - a. 857
  - b. 1453
  - c. 1802
  - d. 2905
- 5) Why is it important to conserve water?
  - a. Conserving water will make water more expensive
  - b. We only have a finite amount of water
  - c. We have unlimited water
  - d. Conserving water is not important

Fill in the blank

- 1) \_\_\_\_\_ water is moisture that is stored in the upper soil after a rainfall.
- 2) Taking a shower is an example of \_\_\_\_\_ water use.
- 3) \_\_\_% of our daily water footprint is direct water.
- 4) A \_\_\_\_\_ is the sum of direct and indirect water use.
- 5) One way to \_\_\_\_\_ water is to shut water off while brushing your teeth.

Short Answer

- 1) Give at least two components of the Hydrologic Cycle
- 2) Does it surprise you that 97% of our water footprint is indirect water use? Explain why and giving one example of indirect water use that you personally use.
- 3) Give at least two examples of ways you can personally reduce your water footprint.
- 4) Convert 6826 Liters of water to gallons.
- 5) Name one way you can educate someone else on water conservation?

Essay Question

In three to four sentences explain what a water footprint is and how it relates to water conservation?