

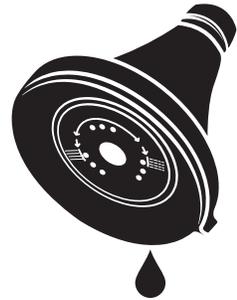
Real-Life Practice: Natural Resource Challenge

Instructions

Use the Natural Resource Fact Chart provided in the kit to answer the questions below.

1. If you shorten your shower by 3 minutes, how many gallons of water would you save? _____
2. If a large smoothie takes 1 pound of bananas and 2 pounds of oranges, how much water would it take to grow the fruit?

3. If 2 pounds of potatoes make enough fries for a family to enjoy with their burgers, how much water would it take to grow the potatoes? _____
4. How much of the earth's water supply is found in oceans or in salt water?
 - a. 82.3%
 - b. 96.5%
 - c. 99%
 - d. 88.7%
5. How much of the earth's water supply is groundwater?
 - a. 6.1%
 - b. 25%
 - c. 10%
 - d. 1.69%



Real-Life Practice: Natural Resource Challenge

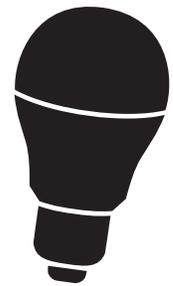
6. The largest supply of water in the world is found in _____ and the smallest supply is found in _____.

7. About 1.74% of the world's water supply is found in
 - a. Glaciers and Ice Caps
 - b. Lakes and Streams
 - c. Water Vapor
 - d. Oceans

8. How many trees are saved by recycling a ½ ton of paper?

9. During the summer, your family decided to hang laundry on a clothesline for 3 months instead of using the dryer. How much money did your family save?

10. How much money would you save over 2 years by replacing an incandescent bulb with an LED bulb? _____



HOW MUCH WATER DO YOU USE
Brushing your teeth? Washing your face? Drinking? Flushing a toilet? Taking a shower? Washing clothes with clothes washer? Washing clothes by hand? Washing dishes with dishwasher? Washing clothes with hand?

Answer:

HOW MUCH WATER DOES IT TAKE TO PRODUCE
Potatoes? Chocolate? Apples? Oranges? Bananas? Bread? Rice? Beef? Chicken? Cheese? Eggs? Coffee? Corn? Sugar?

Answer:

HOW MUCH OF EARTH'S WATER SUPPLY IS
Salt Water? Rivers? Ground Water? Lakes and Streams? Glaciers and Ice Caps? Water Vapor in the Atmosphere?

Answer:

DO MY ACTIONS MAKE A DIFFERENCE?
Which of the following is currently the most effective and economical way to reduce the environmental impact of our energy usage?
A) Installing solar panels
B) Building a power plant
C) Switching to natural gas
D) Increasing energy efficiency

Answer:

How many trees does recycling one ton of paper save?
A) 17
B) 17
C) 170
D) 1,700

Answer:

One quart of spilled oil will foul the taste and contaminate how much water?
A) 1,500 gallons (5,678 liters)
B) 2 gallons (26 liters)
C) 250,000 gallons (246,538 liters)
D) 65,000 gallons (246,025 liters)

Answer:

ENERGY COST CALCULATOR

Household Item	Wattage	Hours per Day
Water Heater	4000	12
Cooling Air Conditioner	3500	12
Game Console	100	1
LCD LED TV	30	6
Desktop Computer	100	24
Refrigerator	800	24
Clothes Washer	500	1
Clothes Dryer	3000	1
Dishwasher	1000	15
TV	5	24
Space Heater	1000	6
Incandescent Bulb	60	6
CFL Light Bulb	14	6
LED Light Bulb	8	6

Cost per Month Cost per Year

HOW MUCH DOES IT COST?