

NAME \_\_\_\_\_

Facts from ***50 Simple Things You Can Do to Save the Earth*** by the Earthworks Group.

- About  $\frac{3}{4}$  or 75% of the water used in your home each day is used in the bathroom.
- It takes 1,630,000 gallons of water to feed one American for one year.
- Each American uses about 80 gallons of water per day.
- It takes 100 gallons of water to produce one pat of butter.
- The U.S. uses 450 billion gallons of water every day.

Using these facts, answer the following questions.

1. If there are 16 pats in one stick of butter, how many gallons of water does it take to produce one stick?
2. If there are 4 sticks of butter in one pound, how many gallons of water does it take to produce one pound?
3. If your house uses 400 gallons of water each day, according to the facts, how many gallons are used in the bathroom?
4. Using your answer from question 3, how many gallons are not used in the bathroom.
5. There are 5 people in your family. Taking showers saves 25 gallons of water instead of taking a bath. How many gallons do you save each day if everyone takes a shower?

6. Using your answer from question 5, how many gallons will your family save in A) one week, B) in one month, C) in one year?
- A.
- B.
- C.
7. Using the facts from above, how many gallons does it take to feed 3 Americans in one year?
8. Using 80 gallons of water per day, how many gallons does a family of 7 use?
9. If you could save 9 gallons of water each time you brush your teeth, by turning of the water while brushing, and you brush your teeth 3 times per day, how much water will you save in one day?
10. Using your answer from question 9, how much water would a family of 6 save?
- a. How much would the family save in one week?
- b. How much would they save in one month?