

**1 week = 7 days****1 day = 24 hours****1 year = 365 days**

**Directions:** Use the information above and what you have learned about multiplication in this book to solve these problems.

1. A five minute shower uses 35 gallons of water.
  - If you take 1 shower a day, how many gallons of water would you use in a year? \_\_\_\_\_
  - If your family takes a total of 6 showers a day, how much water would they use every day? \_\_\_\_\_
  - If your family takes 6 showers a day, how much water would they use every year? \_\_\_\_\_
2. Low-flow shower heads use only 15 gallons of water for a five-minute shower.
  - If you take 1 low-flow shower a day, how many gallons of water would you use in a year? \_\_\_\_\_
  - If your family takes a total of 6 low-flow showers a day, how much water would they use every day? \_\_\_\_\_
  - If your family takes 6 low-flow showers a day, how much water would they use a year? \_\_\_\_\_
3. The average toilet is flushed 8 times a day. Each flush uses about  $1\frac{1}{2}$  gallons of water.
  - How much water would be used every day in a house with 2 toilets? \_\_\_\_\_
  - How much water would be used every week in a house with 2 toilets? \_\_\_\_\_
  - How much water would be used every year in a house with 2 toilets? \_\_\_\_\_
4. It takes about 40 gallons of water to wash a load of clothes.
  - How much water would be used to wash 3 loads of clothes every day for a week? \_\_\_\_\_
  - How much water would be used to wash 3 loads of clothes every day for a year? \_\_\_\_\_