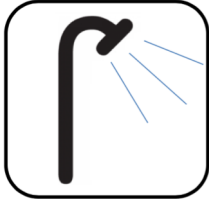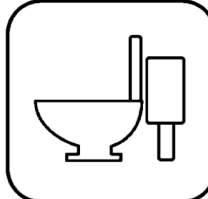| The table below shows how much water on average needed for these activities. |
|---|

Keep the water running while brushing teeth for 2 minutes 4 gallons	Wash hands 2 gallons
Take a shower for 10 minutes 38 gallons	Flush the toilet 6 gallons

1. You have 5 people in your family. How much water does your family need to brush their teeth two times a day?

2. How much water does it take when all of your family flushes the toilet 6 times and washes their hands 8 times?

3. How much water does your family use when all of your family takes a shower for 10 minutes?

4. How much water do you use if you brush your teeth two times, flush the toilet 5 times, wash your hands 7 times, and take a shower for 10 minutes?

5. How much water do you use in a week if flush the toilet 4 times a day?

Answer Key

The table below shows how much water on average needed for these activities.
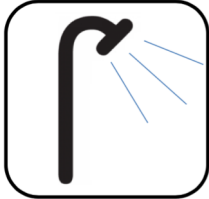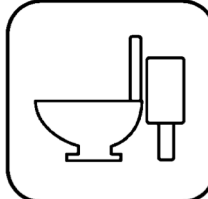
	Keep the water running while brushing teeth for 2 minutes 4 gallons		Wash hands 2 gallons
	Take a shower for 10 minutes 38 gallons		Flush the toilet 6 gallons

1. You have 5 people in your family. How much water does your family need to brush their teeth two times a day?

(4 x 2) x 5 = 40 (gallons)

2. How much water does it take when all of your family flushes the toilet 6 times and washes their hands 8 times?

(6 x 6 + 2 x 8) x 5 = 260 (gallons)

3. How much water does your family use when all of your family takes a shower for 10 minutes?

38 x 5 = 190 (gallons)

4. How much water do you use if you brush your teeth two times, flush the toilet 5 times, wash your hands 7 times, and take a shower for 10 minutes?

4 x 2 + 6 x 5 + 2 x 7 + 38 = 90 (gallons)

5. How much water do you use in a week if flush the toilet 4 times a day?

(6 x 4) x 7 = 168 (gallons)

Think Environment in Math