

## How much water do I use taking a shower?

1. How much water flows out of your shower head in one minute?

Calculate your shower head flow rate:

- Put a container under the shower head.
- Turn it on and collect water for 10 seconds.
- Use a 1 cup measuring cup to scoop out all the water from the container.

Count the number of cups used.

d) Convert the number of cups into number of gallons:

$$\text{_____ cups} \div 16 \text{ cups / gallon} = \text{_____ gallons} / 10 \text{ seconds}$$

e) Calculate the flow rate for 1 minute:

$$\text{_____ gallons} \times 6 = \text{_____ gallons per minute}$$

2. What is your average shower time?

a) Record your times for three showers:

minutes per shower: shower 1: \_\_\_\_\_ min.

shower 2: \_\_\_\_\_ min.

+ shower 3: \_\_\_\_\_ min.

total: \_\_\_\_\_ min.

b) Divide the total minutes by the number of showers.

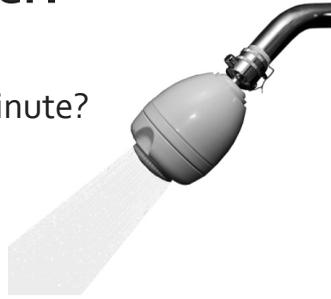
$$\text{_____ min.} \div \text{_____ showers} = \text{_____ average minutes per shower}$$

3. How much water do you use during an average shower?

**gallons per minute:** \_\_\_\_\_

**average minutes per shower:** x \_\_\_\_\_

total:  average gallons per shower



## How much water do I use taking a shower?

1. How much water flows out of your shower head in one minute?

Calculate your shower head flow rate:

- Put a container under the shower head.
- Turn it on and collect water for 10 seconds.
- Use a 1 cup measuring cup to scoop out all the water from the container.

Count the number of cups used.

d) Convert the number of cups into number of gallons:

$$\text{_____ cups} \div 16 \text{ cups / gallon} = \text{_____ gallons} / 10 \text{ seconds}$$

e) Calculate the flow rate for 1 minute:

$$\text{_____ gallons} \times 6 = \text{_____ gallons per minute}$$

2. What is your average shower time?

a) Record your times for three showers:

minutes per shower: shower 1: \_\_\_\_\_ min.

shower 2: \_\_\_\_\_ min.

+ shower 3: \_\_\_\_\_ min.

total: \_\_\_\_\_ min.

b) Divide the total minutes by the number of showers.

$$\text{_____ min.} \div \text{_____ showers} = \text{_____ average minutes per shower}$$

3. How much water do you use during an average shower?

**gallons per minute:** \_\_\_\_\_

**average minutes per shower:** x \_\_\_\_\_

total:  average gallons per shower

