



Class 1: Activities

Activity 1: Water conservation questions

1. Marc loves to wash his clothes. He washes his clothes 3 times a week in a front loader washing machine that uses 15 gallons per load. After the drought was declared, Marc decided to only wash his clothes once a week. How much water do you estimate him saving per week/month/year? Assume there are 4 weeks in a month, and 12 months in a year.

2. Joanna has a 2.5-gallon per minute shower head. She takes a 5 minute shower every day. How much would she save per day and month if she changed to a 1.5 gallon per minute shower head? Assume a month has 31 days.

3. Marla is obsessed with saving water. She catches all the water as it heats up in the shower in buckets, she never leaves the water running, and she even plugs up the bathtub when showering and then scoops out the water with a bucket to take outside. What else can Marla do?