


# Meter Math Madness



The Metersons need your help! The family is shocked at how many gallons of water they used in their most recent water bill. To help them figure out what they are doing wrong, the Metersons created a Weekly Water Use Journal.

Use the journal and the water usage guide to help them solve the mystery!

## Weekly Water Use Journal



ACTIVITY	NUMBER OF TIMES	TOTAL GALLONS?
Ran the dishwasher	10 times	
Flushed the toilet	27 times	
Washed our faces	14 times	
Ran the sprinklers	4 times	
Filled our water bottles	6 times	
Took showers	46 times	
Used the washing machine	2 times	
Cooked food	15 times	

## Common Water Usage Guide

Cooking food (1 gallon)	Running the dishwasher (6 gallons)
Filling reusable water bottle (2 gallons)	Taking a shower (17 gallons)
Washing your face (4 gallons)	Using the washing machine (19 gallons)
Flush the toilet (5 gallons)	Running the sprinklers (1,020 gallons)

How many gallons of a water did the Meterson family use this week?

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What could the family do differently to use fewer gallons of water?

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