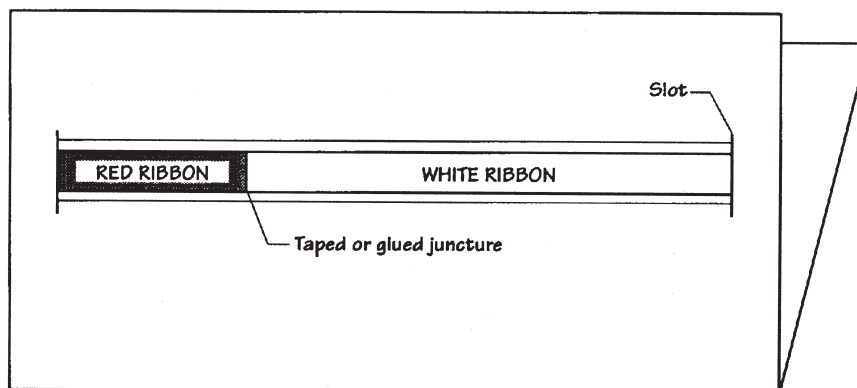
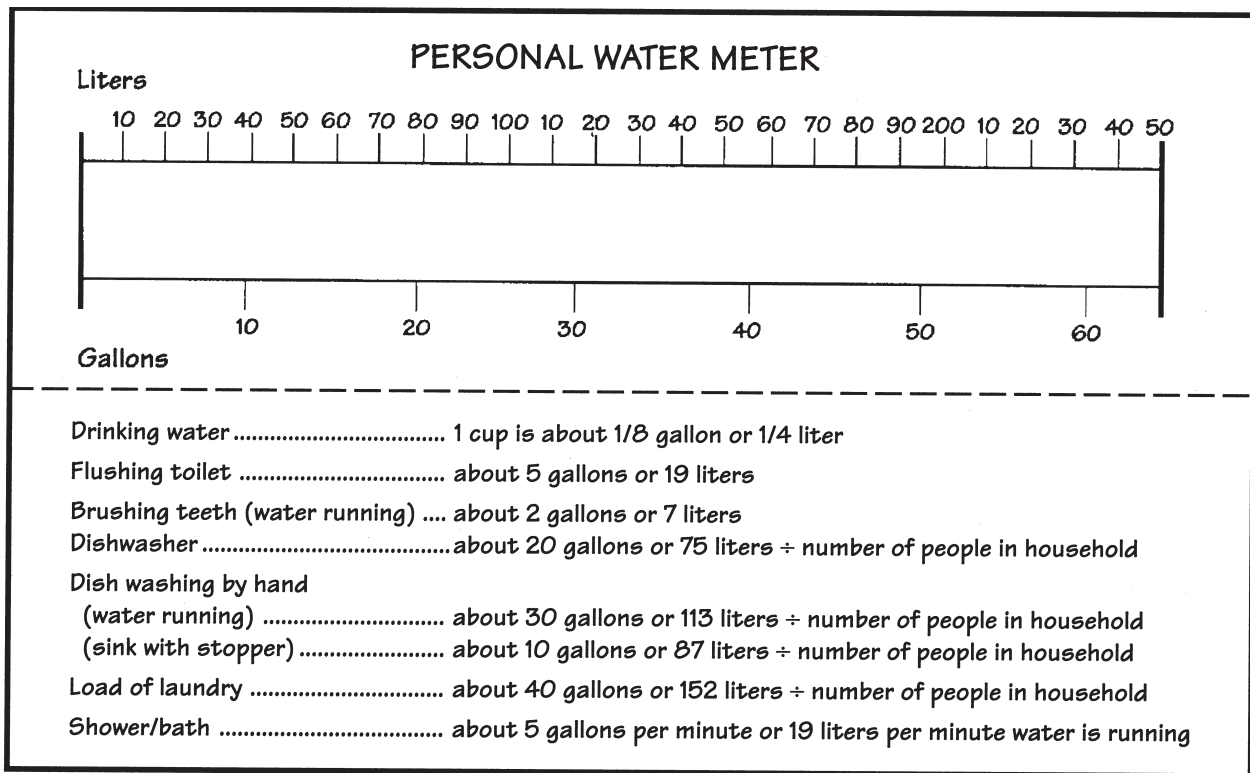


# How to Make a Personal Water Meter

1. Cut out the *Personal Water Meter* ruler pattern along the heavy line and paste on an index card.
2. Cut two pieces of different-colored ribbon, each about  $\frac{1}{2}$  inch (2 cm) longer than the length of the ruler in the *Personal Water Meter*. Overlap ends of different ribbons and glue or tape the end of one ribbon to the end of the other.
3. Cut a slot at each end of the paper ruler. Insert the ribbon into one cut. Thread the other end of the ribbon through the other slot. Glue or tape the two ends together. The ribbon should be tight, but slide smoothly through the slots.
4. Fold the ruler along the dotted line and tape the edges together.



# Water Use Data Chart & Graph

Use your Personal Water Meter the data chart below and to record the number of gallons (and/or liters) of water you use each day during a one week period. Graph your results.

	Date	Total Gallons Used	Total Liters Used
Day 1			
Day 2			
Day 3			
Day 4			
Day 5			
Day 6			
Day 7			

Conversion Rates:      1 gallon = 3.785 liters      1 liter = 0.2642 gallons

Graph your results below. Calculate your average daily water use by adding each day's value and dividing by seven (7). Remember to label the y-axis with appropriate units and values.

## My daily water use

