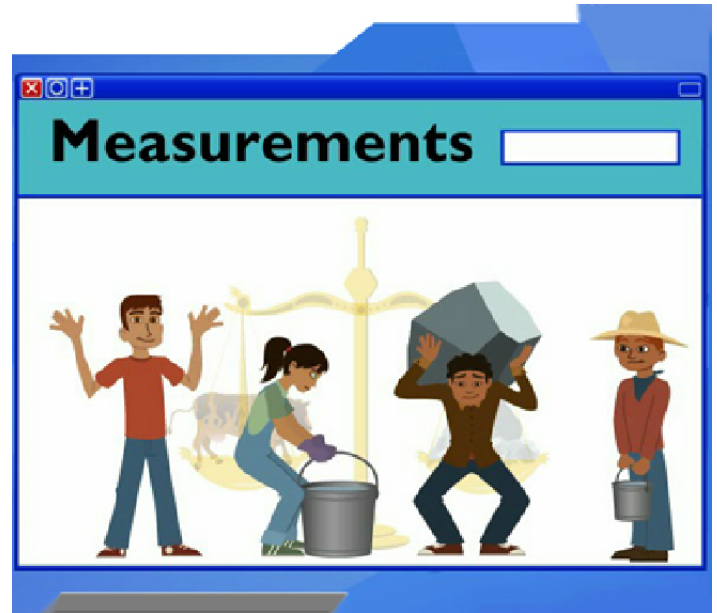


There are two major systems of measurement—the U.S. customary system and the metric system. Measurement systems are important because they ensure that measurements are consistent. Capacity, length, weight, mass and temperature are things that are commonly measured.



## Key vocabulary

### capacity

The amount that a container can hold.

### length

The distance from one end of something to the other.

### weight

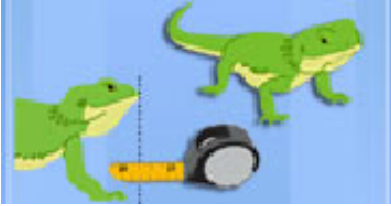
The force of gravity on an object's mass. It is measured in pounds or Newtons (N). An object's weight depends on its location in the universe. However, the object's mass remains the same anywhere in the universe.

### mass

The amount of physical matter an object contains.

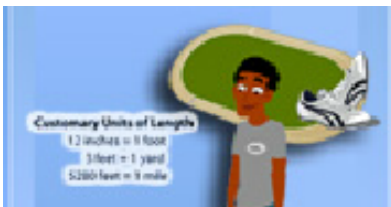
## Related articles

---



### Measure Length

Get out your rulers, yard sticks, and tape measures. It is time to measure length.



### Customary Units of Length

We need measurements to make sure our cakes come out tasting good and our clothes fit. But there is more than one way to measure. Which do you use?



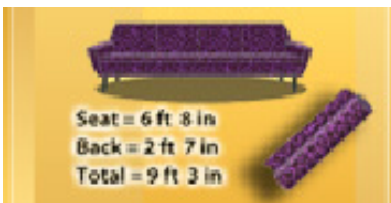
### Tools of Measurement

Not sure when to use a yard stick? Learn about the different tools of measurement and when each one will come in handy.



### Tell Temperature

Should you wear your new sweater tomorrow? Find out by brushing up on how to tell temperature.



### Add & Subtract Measurements

Who is taller, you or your friend? If you want to find out, keep reading!