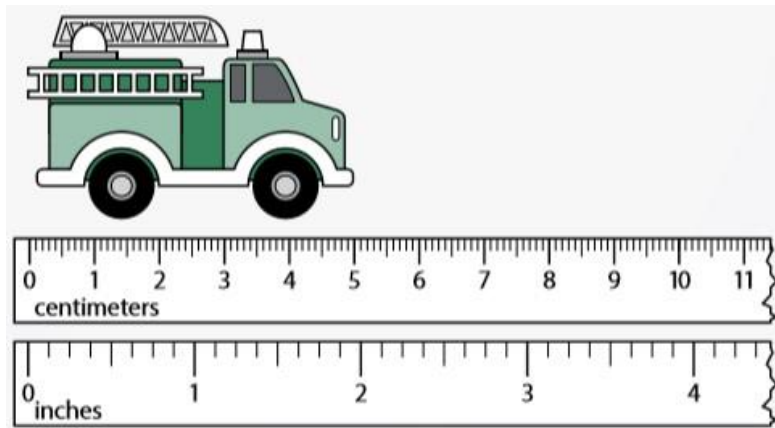


2nd Grade: Understand Measurement with Different Units

Students will be able to measure the length of an object using two different units of measure and describe how the two measurements relate to the size of the unit chosen.

An object can be measured using many different units of length, such as inches, centimeters, or other objects. Students should understand the relationship between units in order to be able to describe how two measurements relate to the size of the unit chosen.

For example:



2.54 centimeters = 1 inch

12 inches = 1 foot

3 feet = 1 yard

100 centimeters = 1 meter

The toy fire truck is 5 centimeters long. The toy fire truck is about 2 inches long.

It takes fewer inches than centimeters to measure the fire truck. An inch is longer than a centimeter, so you need fewer of them to measure an object. A centimeter is shorter than an inch, so you need more of them to measure an object.

For example:

Joe's bedroom is 4 yards long. He also measures it in feet. Is the length of Joe's bedroom more yards or more feet? Explain.

It is more feet. Feet are smaller than yards, so it takes more of them.

For example:

Kit's red ribbon is 12 inches long. Her blue ribbon is 12 centimeters long. Kit says they are the same length. Do you agree? Explain.

I disagree. The numbers are the same, but the units are different. Inches are longer than centimeters, so the red ribbon is longer.