

MEASUREMENT

What Is Measurement?

- Measurement is the use of units to show size, length, weight, or capacity.
- There are **customary** measurements and **metric** measurements.

How to **measure**:



and

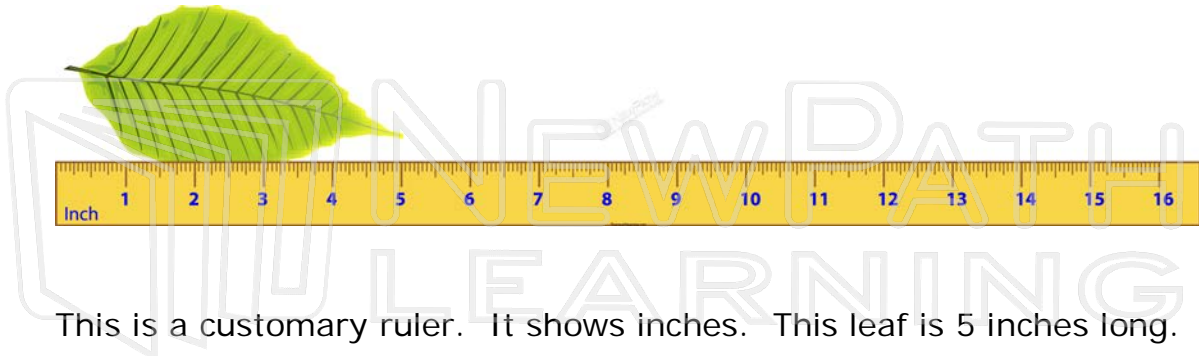
PREVIEW

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- To measure the length of an object, a ruler can be used. There are both customary and metric rulers.



For example:



This is a customary ruler. It shows inches. This leaf is 5 inches long.

- Customary units of weight are ounces, pounds, and tons.

$$16 \text{ ounces} = 1 \text{ pound}$$



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If there are 16 ounces in a pound, how many ounces are there in 2 pounds?

For this question, there are two things that can be done. One is to add $16 + 16$. The second is to multiply 16×2 . Both of these will give you the same answer.

$$16 + 16 = 32$$

$$16 \times 2 = 32$$

There are 32 ounces in 2 pounds.

- Customary units of capacity are teaspoons, tablespoons, ounces, cups, pints, quarts, and gallons.

3 teaspoons = 1 tablespoon
2 tablespoons = 1 fluid ounce
8 fluid ounces = 1 cup
2 cups = 1 pint
2 pints = 1 quart
4 quarts = 1 gallon

- Metric units of capacity are measured in milliliters, liters, and kiloliters.

1,000 milliliters = 1 liter
1,000 liters = 1 kiloliter



PREVIEW

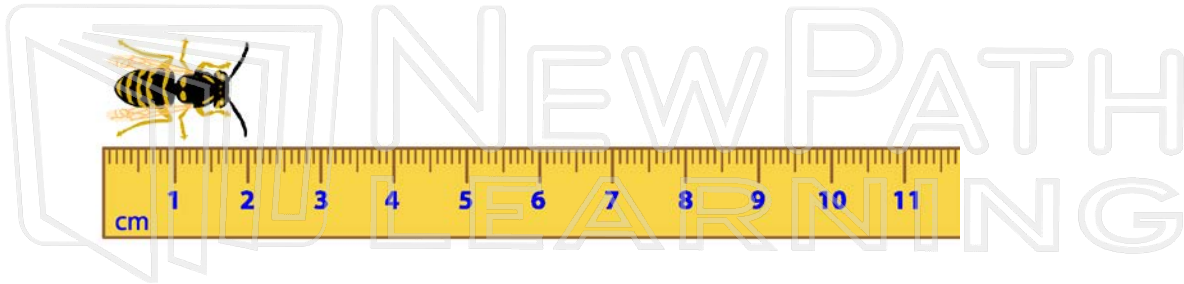
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$$2 \times 2 = 4$$

The mixing bowl will hold 4 pints.

Try This!

- Write the following measurements on the line.



How long is the bee?

The in 4 here



The

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