

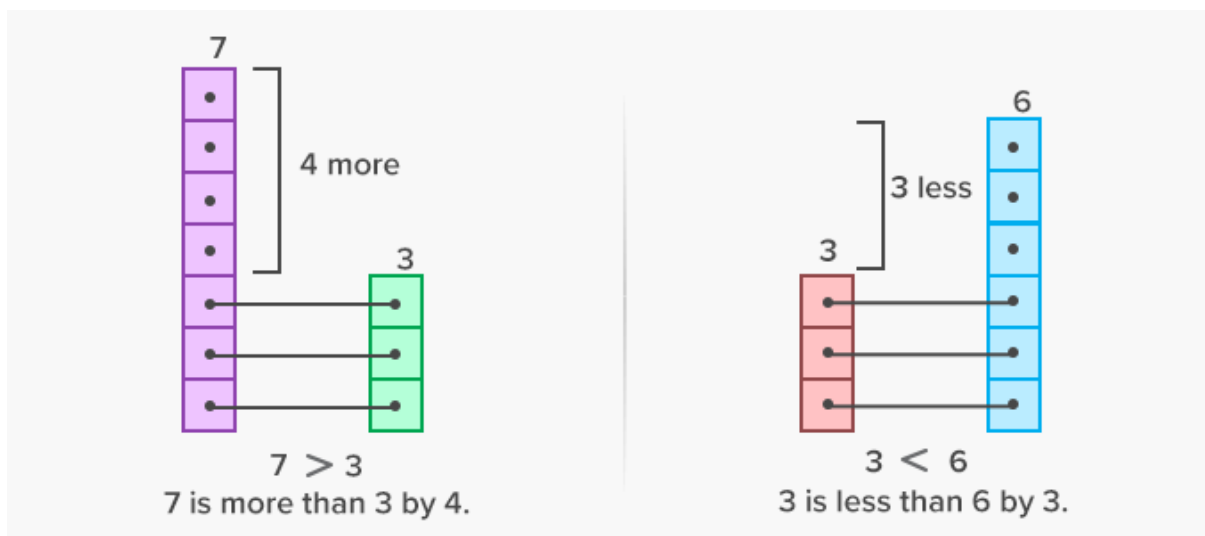
What is Compare?

The dictionary definition of compare (verb) is to view something in relation to another. In math, to compare means to examine the differences between numbers, quantities or values to decide if it is greater than, smaller than or equal to another quantity.

Here, for instance, we are comparing numbers.



By comparing, we can define or find by how much a number is greater or smaller.



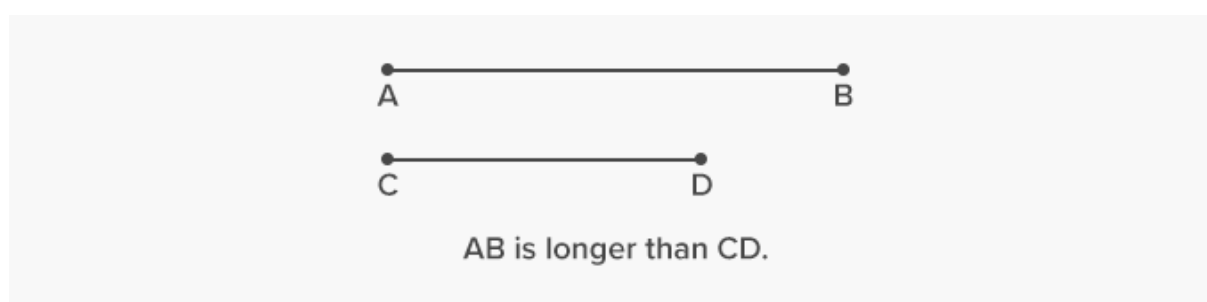
Here's how we can also compare decimals and fractions.

Comparing Decimals and Fractions	
Decimals	Fractions
$7.54 < 7.58$	$\frac{5}{7} > \frac{5}{9}$
$13.7 > 13.67$	$\frac{3}{7} < \frac{4}{7}$
$0.1 > 0.07$	$\frac{3}{5} < \frac{7}{4}$

Here's how we can make comparisons in our daily life.



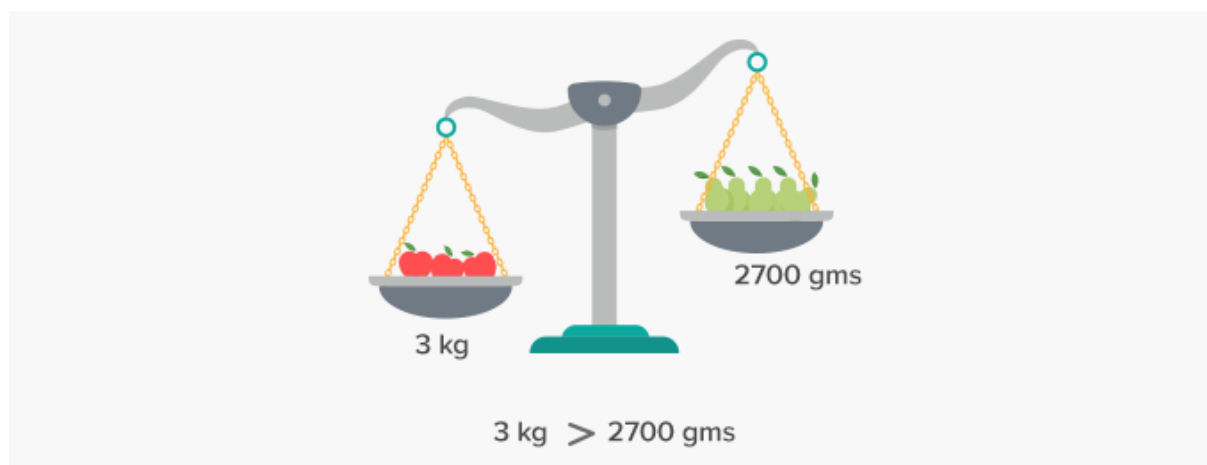
Here, we are comparing the length of two line segments.



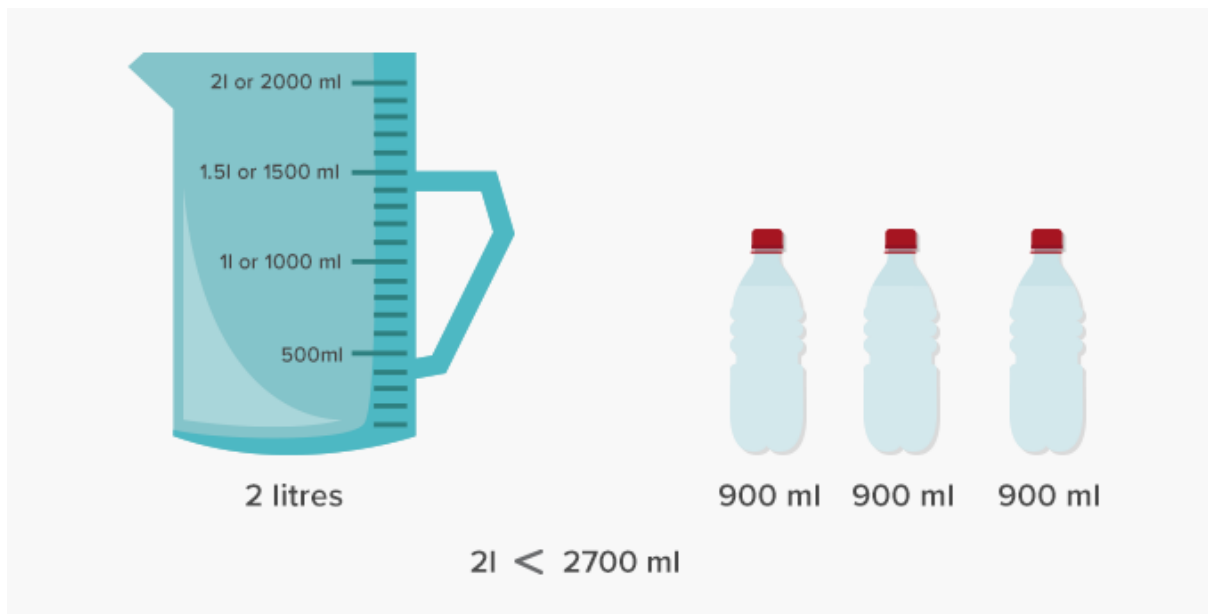
We can also compare distances between two places.



Here's how we can make compare two quantities in terms of their weight.



Here, we are comparing the volume of liquids.



Fun Facts

- We can also compare how shapes are alike or different.