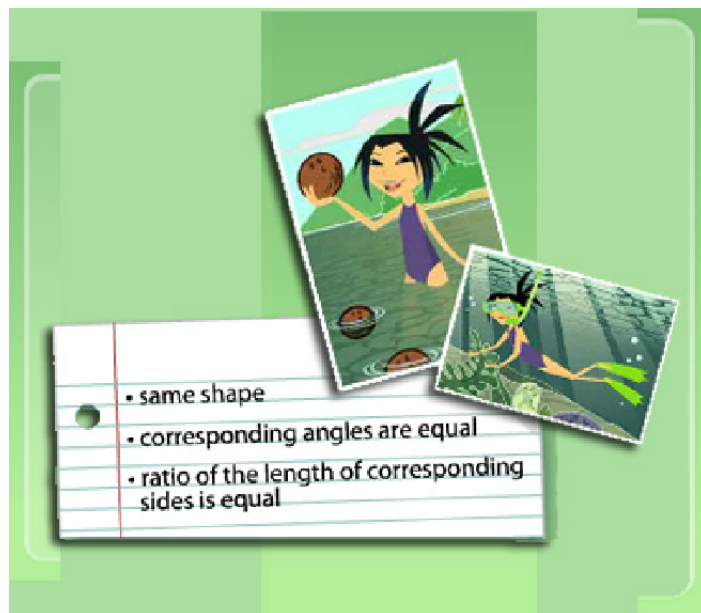


Figures that are the same shape, but not necessarily the same size, are similar. The corresponding angles must be equal and the corresponding sides must be proportional. Get your protractors ready!



Key vocabulary

congruent

Equal in shape or size.

solid figure

A three-dimensional figure.

similar figure

Figures that have the same shape, but not necessarily the same size.

ratio

A comparison of two quantities or numbers using division. Ratios are usually expressed as fractions, or using the word "to."

Related articles



Congruent Figures

What do you call two figures when they are the same size and shape? No, not identical twins. They are called congruent!



Solid Figures

Movies are great in 3D, why not geometry? That is exactly what solid figures are all about.



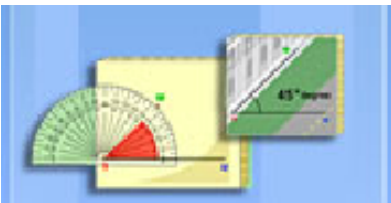
Measure Angles

Nothing is too hard to measure if you have the right tools, even angles. Find out how to capture any angle's measurement, anytime!



Classify Triangles

Look around you. Can you find any triangles? Bet you can. You can probably find lots of different kinds of triangles, too, but can you name them?



Construct Angles

Anyone can build an angle. All it takes is a little know-how and the right tool. Got your protractor?