

# Shapes

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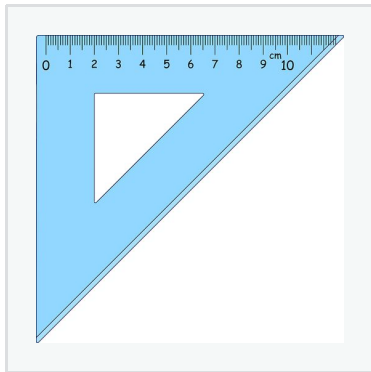
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# Triangles

Shapes are all around us! Your desk has a shape. The clock in your classroom has a shape. Your notebook has a shape, too!

One shape is a triangle. A triangle has three straight sides. Some triangles have sides that are the same length. Other triangles have sides that are different lengths.

What are some things shaped like triangles? Some rulers are shaped like triangles. Some road signs are shaped like triangles, too!



*A ruler shaped like a triangle*



*A road sign shaped like a triangle*

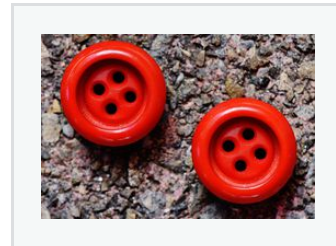
# Circles All Around!

Circles are all around us! Circles are round shapes.

You probably have things that look like circles in your home. Clocks can look like circles. Buttons can look like circles. Plates can look like circles, too!



*A clock shaped like a circle*



*Red buttons shaped like circles*

Now let's think of things we find outside that look like circles. Car wheels look like circles. Traffic lights look like circles. Sometimes the moon looks like a circle, too!



*The moon is shaped like a circle.*

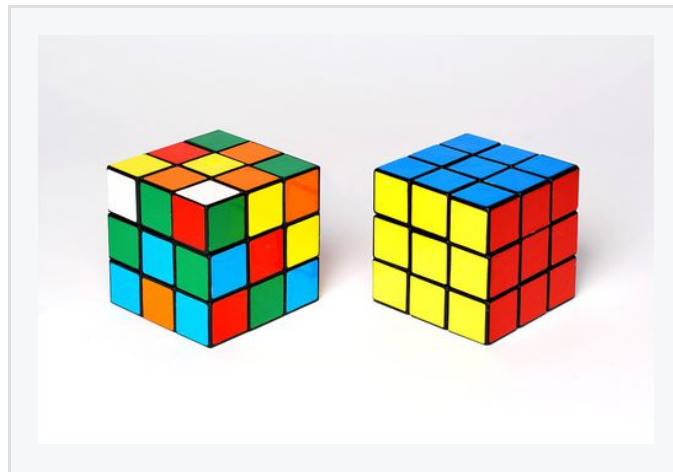
# Squares, Cubes, and a Puzzle

What do squares have? Squares have four sides. The four sides are all the same length.

What do cubes have? A cube has six square faces. All six square faces are the same size.

Take a look at the cubes shown here. They're called Rubik's cubes. A Rubik's cube is a kind of puzzle. It's a cube that is made up of 26 smaller cubes.

How do you solve this puzzle? Try to move the small cubes so that the big cube has only one color on each side.



*Rubik's cubes*

# The Shape of a Rectangle

Rectangles have four straight sides. The sides are not all the same length. Sides that are opposite each other are the same length.

Take a close look at the painting below. It is a very famous painting. Can you find all the rectangles in the painting?



*A painting*

# Shapes of Buildings

Buildings can have different shapes. Let's take a look at a few buildings.

This building is in the United States. It is shaped like a basket.



*A building shaped like a basket*

This building is called the Dancing House. It looks like it's dancing!  
It is in a country called the Czech Republic.



*The Dancing House building*

This building is shaped like shells. It is in a country called Australia.



*A building shaped like shells*

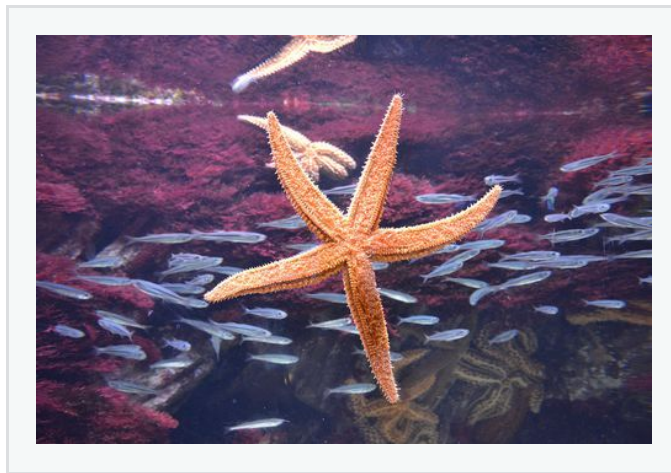
# Sea Stars

Have you ever heard of a sea star?

A sea star is an animal that lives in the ocean.

Sea stars are shaped like stars. That's why they're called sea stars. They are also called starfish. But they're not fish!

Sea stars have five arms. Some types of sea stars can have more. If a sea star loses an arm, it can grow a new one. How cool is that?!



*A sea star*