

# Read About Identifying & Drawing Shapes By Attributes

## WHAT IS IDENTIFYING & DRAWING SHAPES BY ATTRIBUTES?

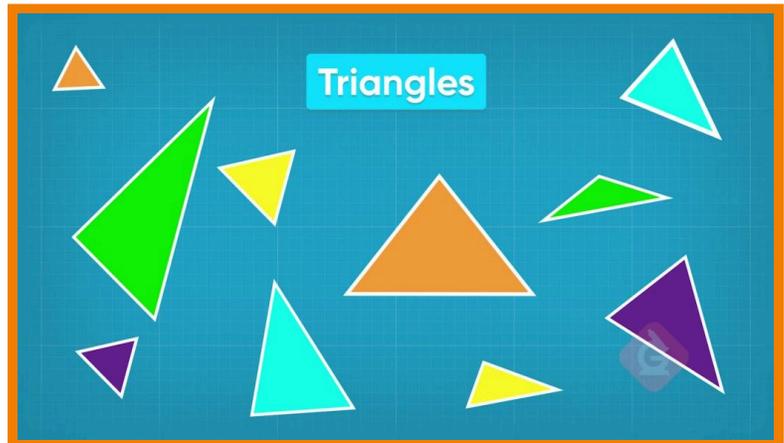
An attribute is something that you notice. Shapes have attributes, like color, size, and the number of sides. Some attributes can tell you exactly what a shape is.

*To better understand how to identify & draw shapes by attributes...*

## LET'S BREAK IT DOWN!

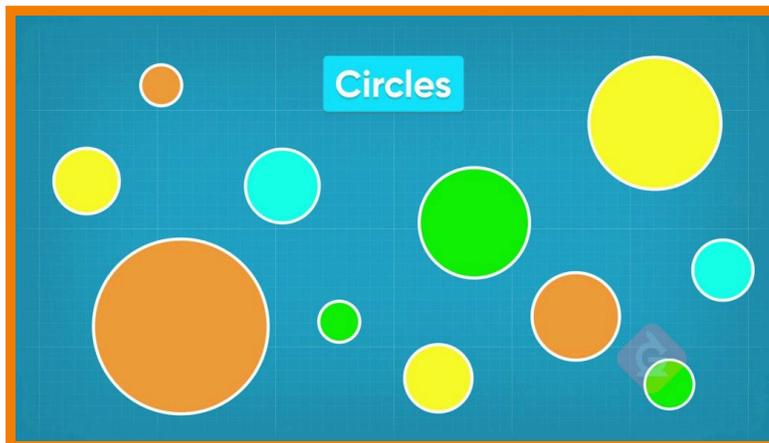
### Defining Attributes of a Triangle

A triangle has 3 straight sides.  
Triangles can be big and small.  
Triangles can be any color. Any  
closed shape with 3 straight sides is  
a triangle.



## Defining Attributes of a Circle

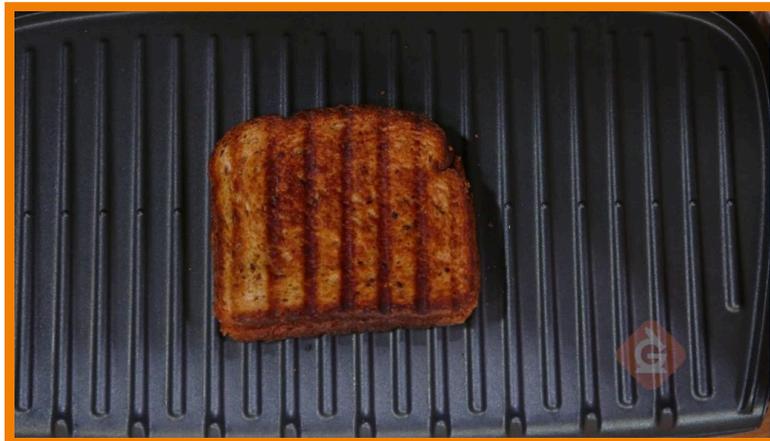
A circle is round with no sides or corners. Circles can be big and small. Circles can be any color. Being round with no sides or corners is the defining attribute of a circle.



---

## Defining Attributes of a Rectangle and Square

A rectangle has 4 straight sides and 4 square corners. Rectangles can be big and small. Rectangles can be any color. Any shape with these attributes is a rectangle. A square is a rectangle where all the sides are the same length.



---

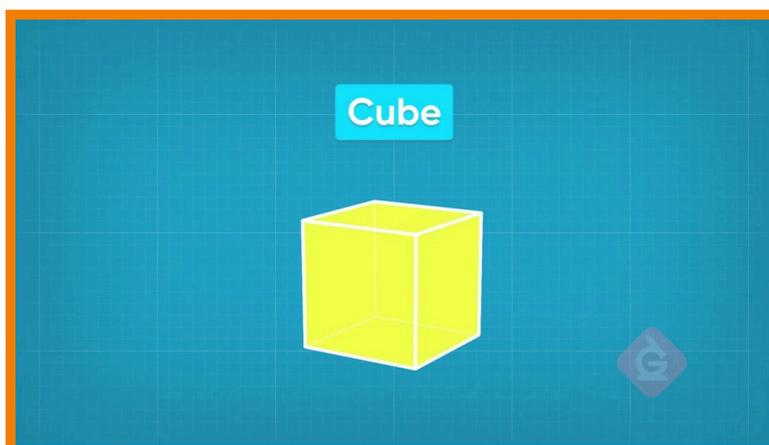
## Defining Attributes of a Hexagon

A hexagon has 6 straight sides. Hexagons can be big and small. Hexagons can be any color. Any shape with 6 straight sides is a hexagon.



## Defining 3D Shapes

A cube has a defining attribute of having six square faces. A rectangular prism is like a cube, but all the faces are rectangles. The defining attribute of a rectangular prism is that it has six rectangular sides. The defining attribute of a sphere is that it is round, like a ball.



### IDENTIFY & DRAW SHAPES BY ATTRIBUTES VOCABULARY

#### Attribute

Something we can notice about an object.

#### Defining Attribute

An attribute a shape must have.

#### Triangle

A flat shape with three sides and three corners.

#### Circle

A flat shape that is round with no sides and no corners.

#### Square

A flat shape with four straight sides that are all the same length and four square corners.

#### Rectangle

A flat shape with four straight sides and four square corners.

### IDENTIFY & DRAW SHAPES BY ATTRIBUTES DISCUSSION QUESTIONS

#### What is an attribute?

An attribute is something you can notice about a shape.

### **What is a defining attribute?**

A defining attribute is an attribute that a shape must have.

---

### **What shape has four straight sides of all equal lengths, and all square corners?**

A square has all of these attributes.

---

### **Draw a large yellow shape. What do you notice?**

Size and color are not defining attributes, so I can draw any shape.

---

### **What common objects meet the definition of a cylinder?**

Glue sticks, soup cans, and soda cans.

---