

Maths Starter!

1. $2 \times 2 =$

2. $9 \times 2 =$

3. $11 \times 2 =$

4. $6 \times 3 =$

5. $9 \times 3 =$

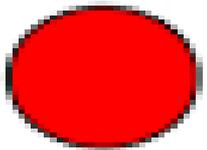
6. $11 \times 3 =$

7. $3 \times 3 =$

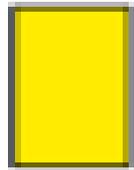
8. $7 \times 5 =$



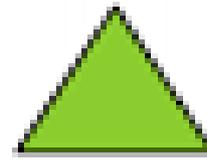
2D Shapes



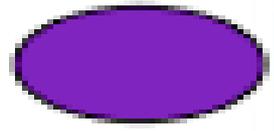
circle



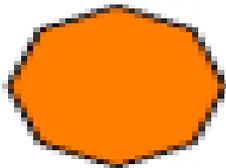
rectangle



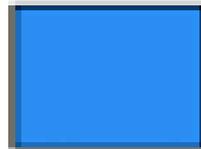
triangle



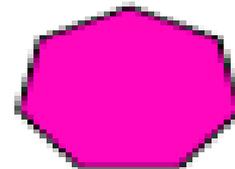
oval



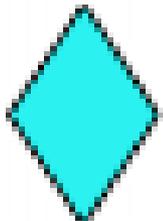
octagon



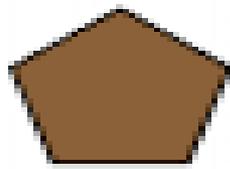
square



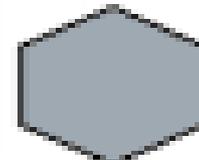
heptagon



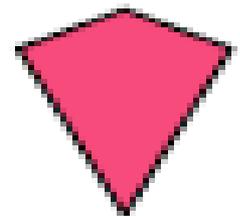
rhombus



pentagon



hexagon



kite



WALT: Describe and understand the properties of 2D Shapes.

WILF:

- **I know what 2D Shapes are**
- **I know that 2D means 2-Dimensional shapes**
- **I can describe and recognise the properties of 2D shapes**

2D means a shape is
'2 dimensional.'

It is a flat shape and
it is easy to draw
around.

SO
What does
properties
mean?

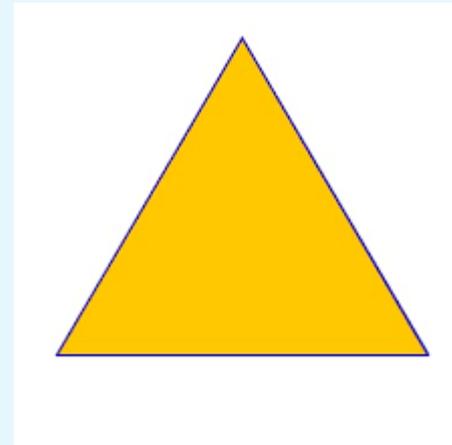
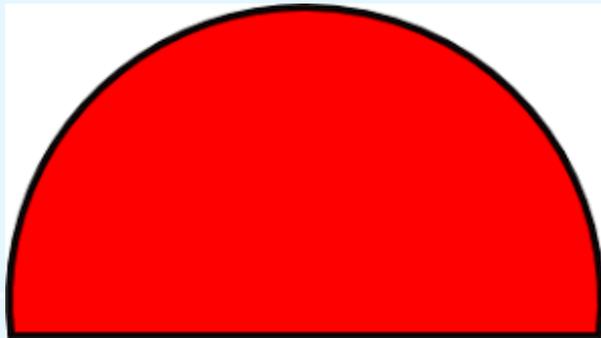


**Let's look at
some
examples**

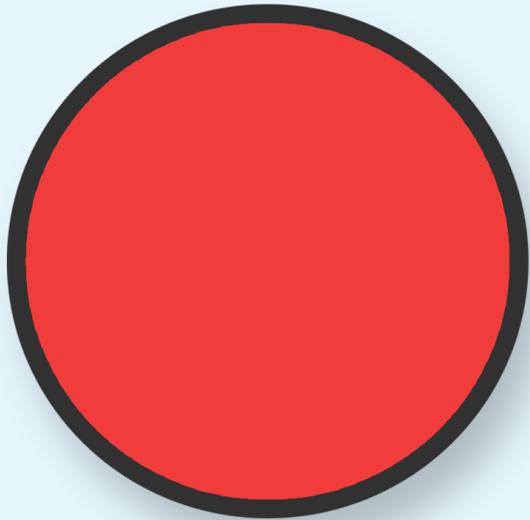


Properties of shapes mean what a shape has. It's basically what it looks like. For example:

- **Straight sides**
- **Curved sides**
- **Corners**



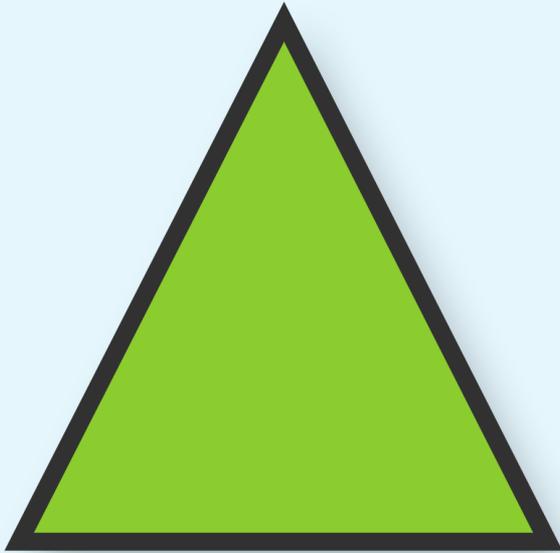
Circle



Circles only have one curved side.

Circles have no corners.

Triangle



Triangles have 3 sides and 3 corners.

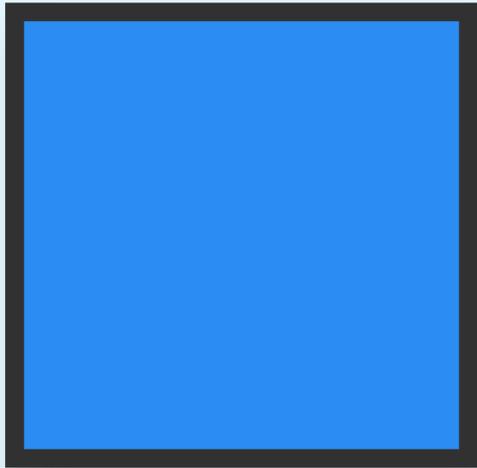
Polygon

- ⦿ A polygon is a flat shape with **3 or more** straight sides.

Can you think of any polygon shapes?



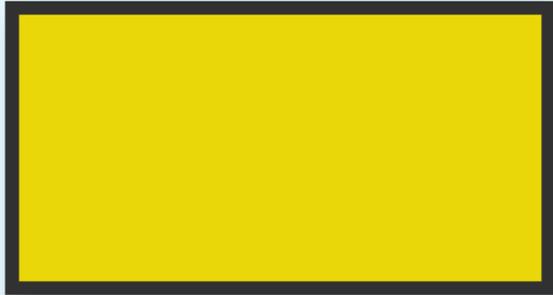
Square



Squares have 4 straight sides and
4 corners.

All the sides are the same length.

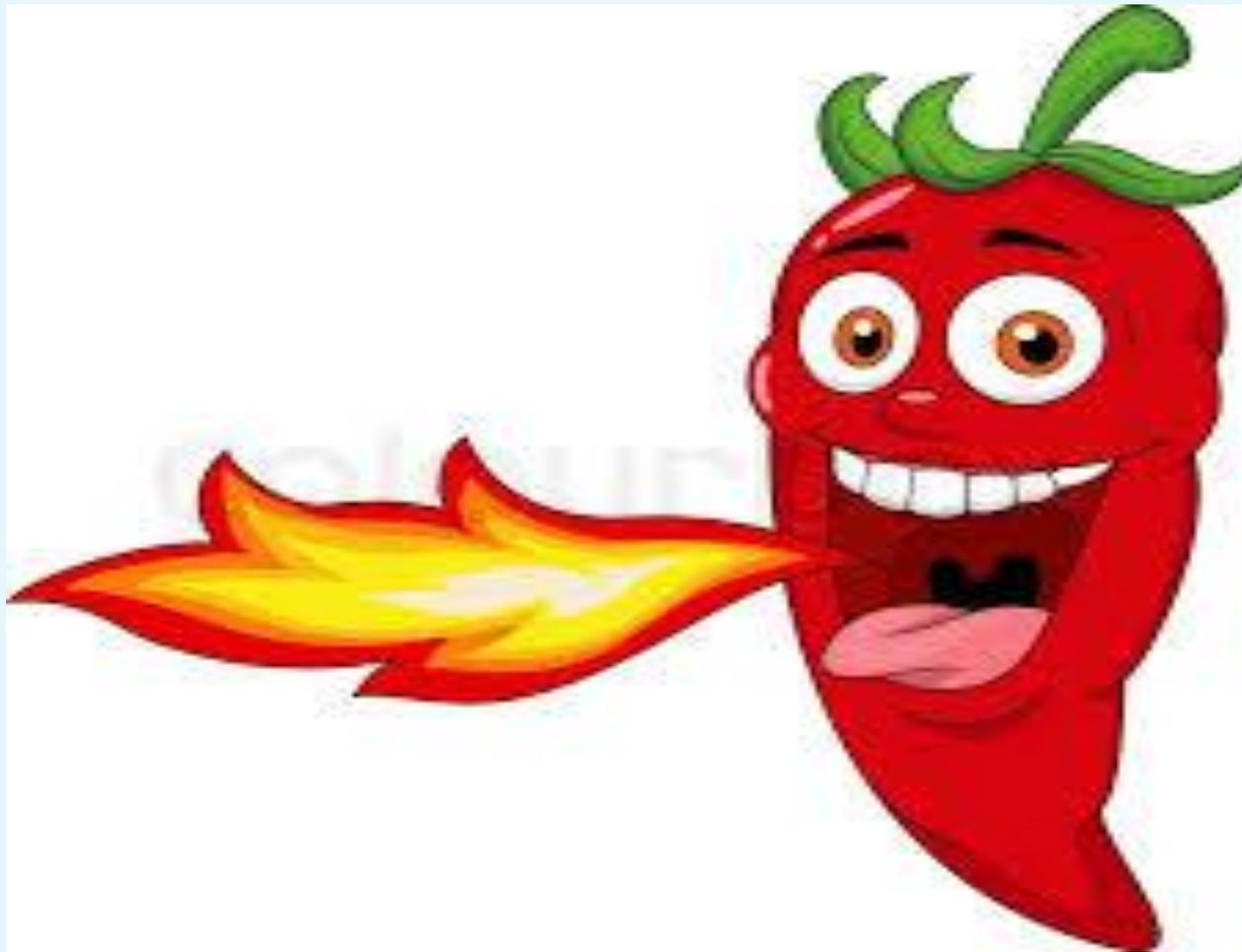
Rectangle/Oblong



Rectangles have 4 sides and 4 corners.

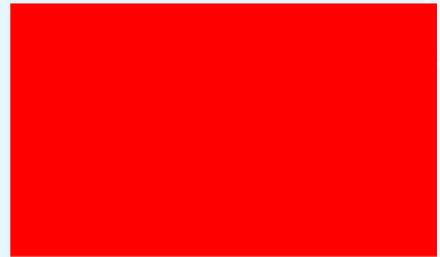
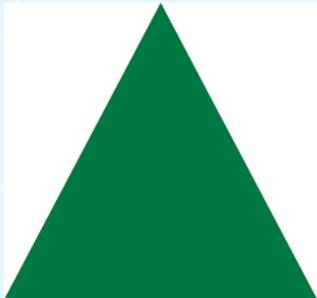
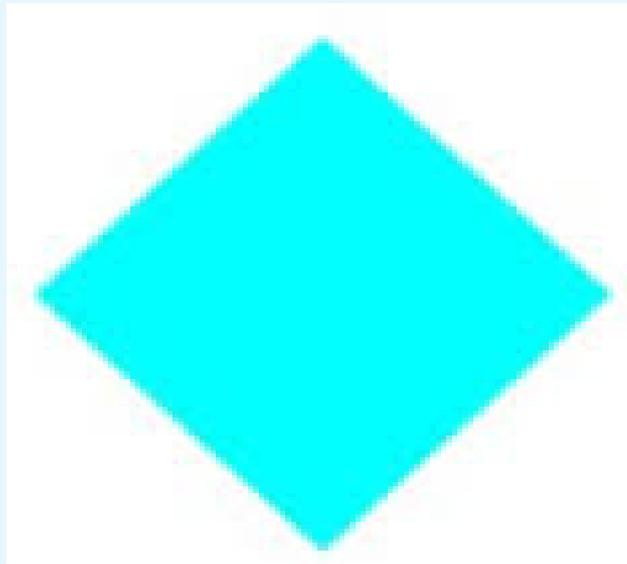
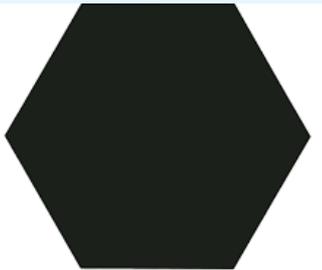
They have 2 long sides and 2 short sides.

Let's get even more spicy!



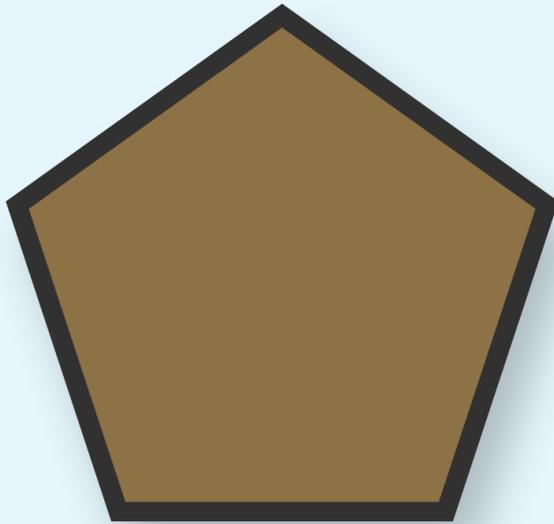
What are Vertices?

Vertices are the **sharp corners** of a **shape**! It's a posher way of saying **pointy** or **sharp** corners!



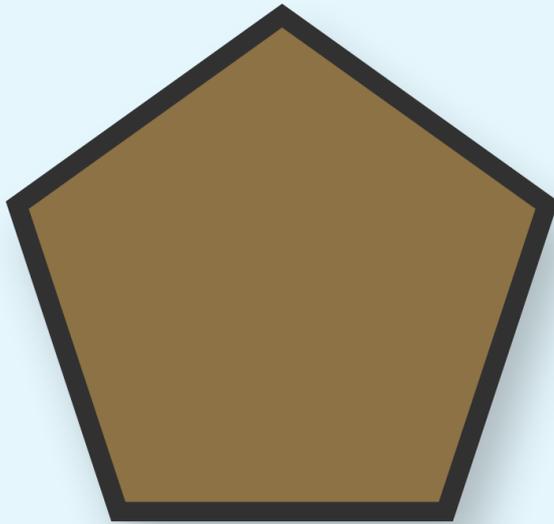
**Lets practice finding some
properties of 2D shapes!**

Pentagon



**How many
corners and
sides does a
Pentagon have?**

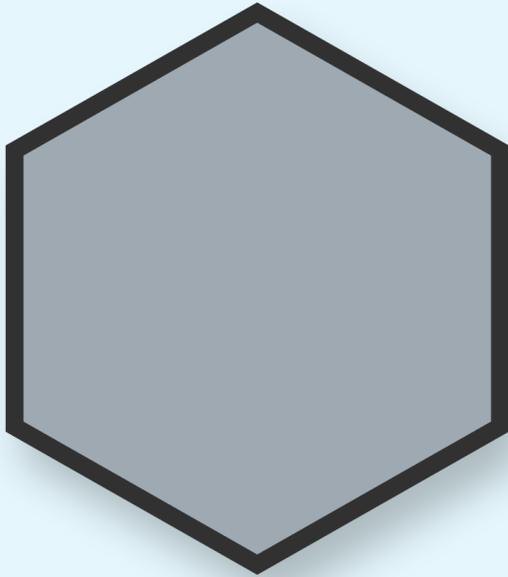
Pentagon



A pentagon has 5 straight sides and 5 corners.

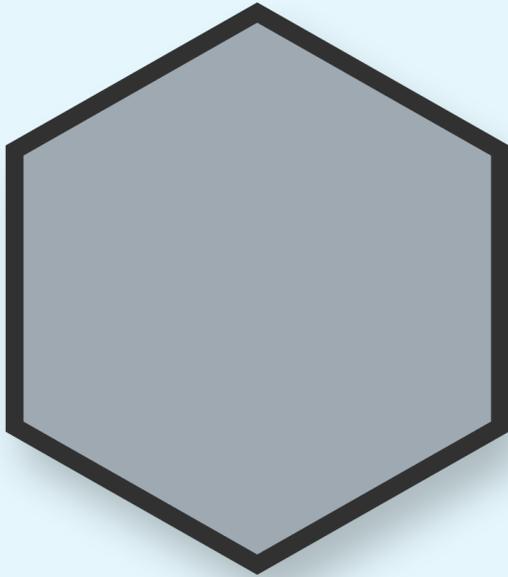
All the sides are the same length in a regular pentagon.

Hexagon



**How many
corners and
sides does a
Hexagon have?**

Hexagon



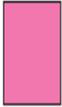
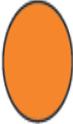
A hexagon has 6 sides and 6 corners.

All the sides are the same length in a regular hexagon.

YOUR CHALLENGE AWAITS
ARE YOU READY

2D Shape Properties Table

Look carefully at the properties of these 2D shapes. Write your results in the table.

2D Shape	Total Number of Sides	Number of Straight Sides	Number of Curved Sides	Number of Corners	Name of Each Shape
					
					
					
					
					
					

1. Which shapes have 4 straight sides?
2. Which shape has a curved side?
3. Name the shapes that have more than 4 corners?
4. How many more sides does a Hexagon have than a triangle?
5. What is the name of shapes that have more than 3 sides?
6. What are the vertices of a shape?

**You guys are
awesome!**

