



# Building Shapes

Author:



This resource was created by Rosemary Sarich of [Fairy Poppins](#) for [The STEM Laboratory](#).



These task cards will help kids get a hands on experience of building some common 2D and 3D shapes. They focus on shapes with straight edges.

## Preparation:

- Print the task cards and then cut along the line in the center.
  - Print on cardstock or laminate for added durability.
- Place the task cards in a pile beside a basket of popsicle sticks - ideally a variety of sizes so that the sides of shapes like a rectangular prism can be made using one piece instead of two joined together. Other materials such as straws, colored matchsticks and chenille sticks work well too.
  - Encourage the kids to have a go at building the different shapes.
- For the 3D shapes provide some playdough or plasticine so that the corners and sides can be stuck together.

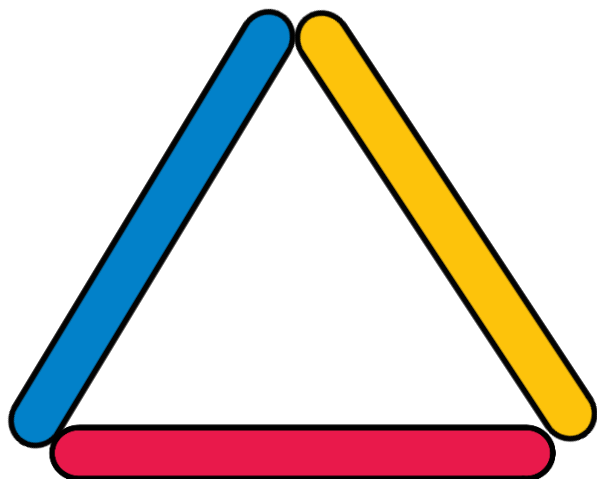


Graphics by:

[Fudgy Brownies](#)

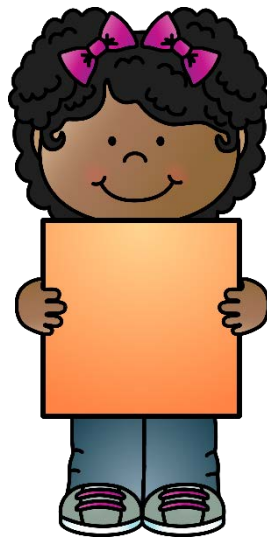
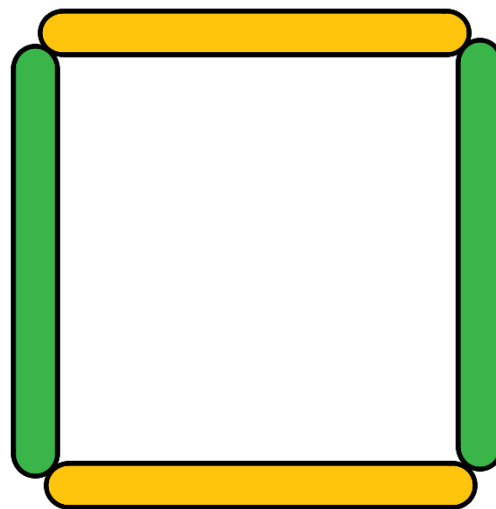


2D Shapes



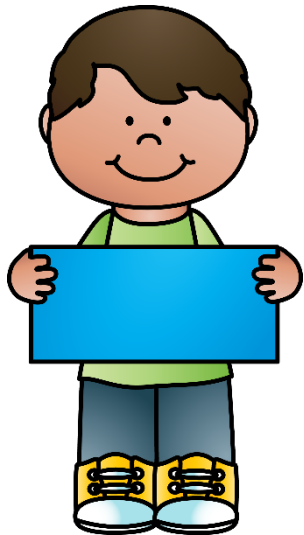
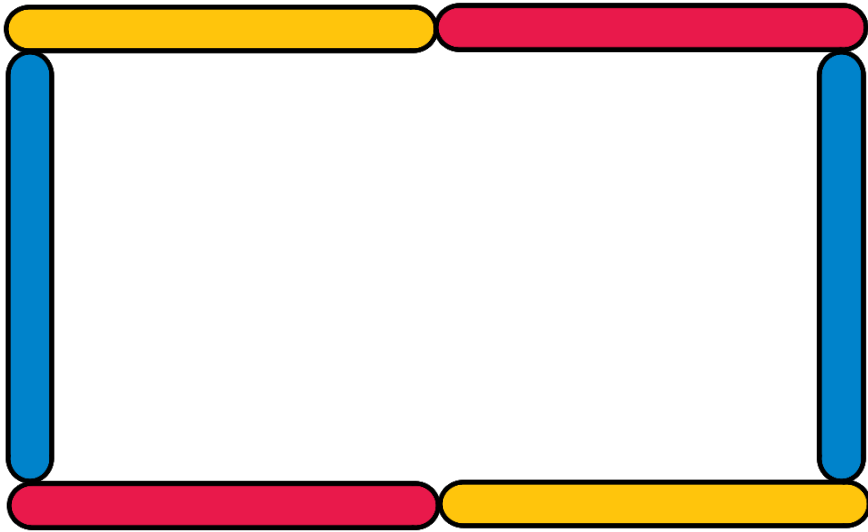
**triangle**

2D Shapes



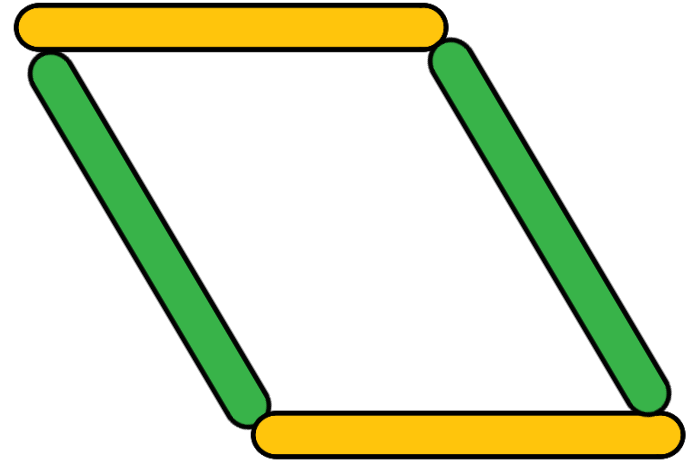
**square**

## 2D Shapes



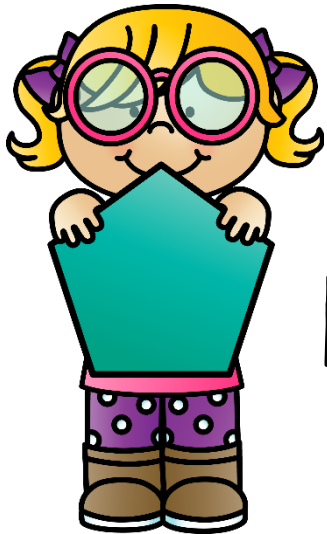
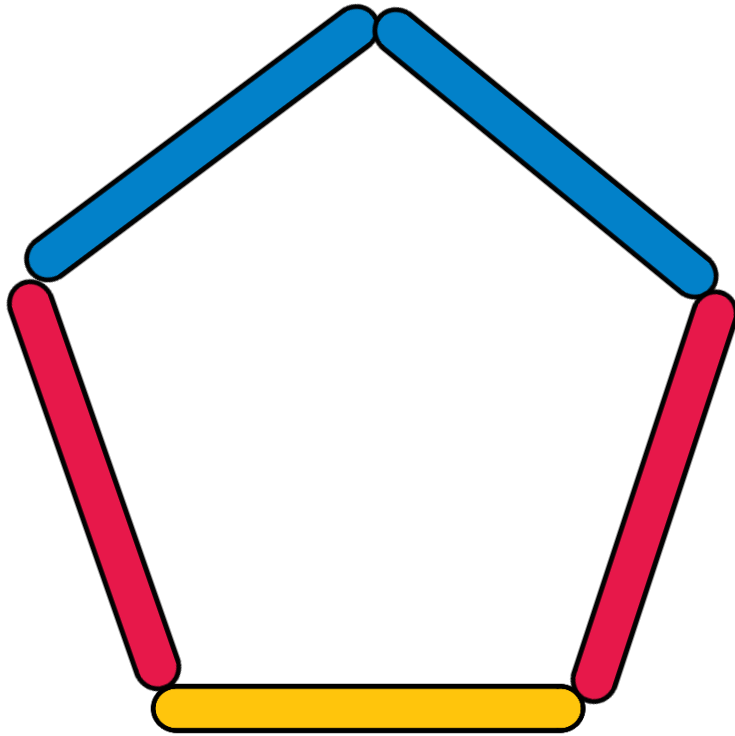
**rectangle**

## 2D Shapes



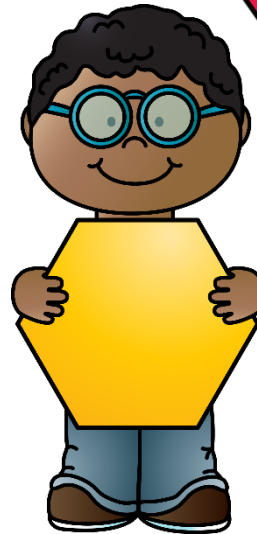
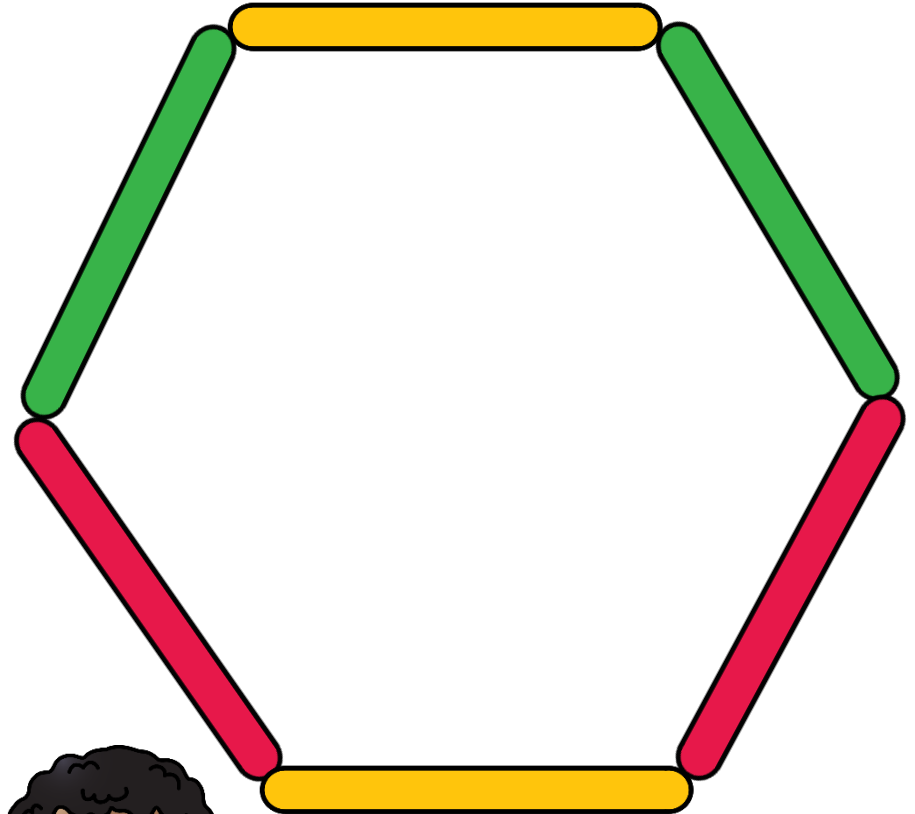
**rhombus**

2D Shapes



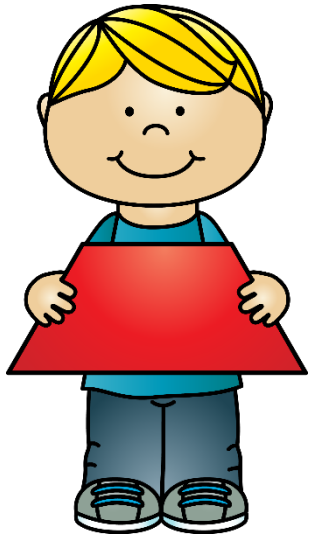
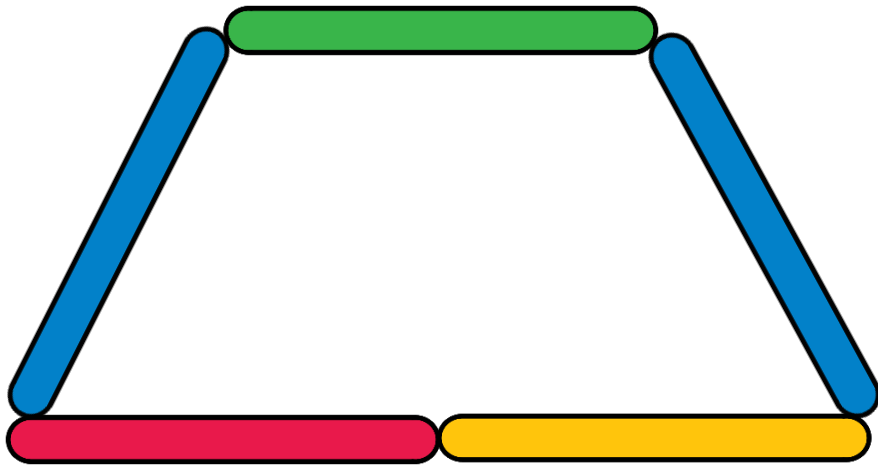
**pentagon**

2D Shapes



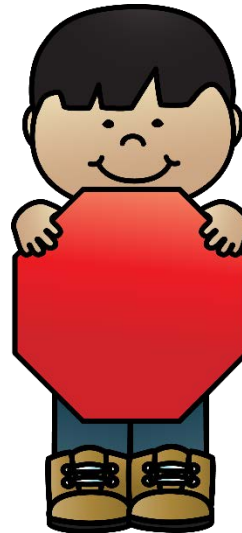
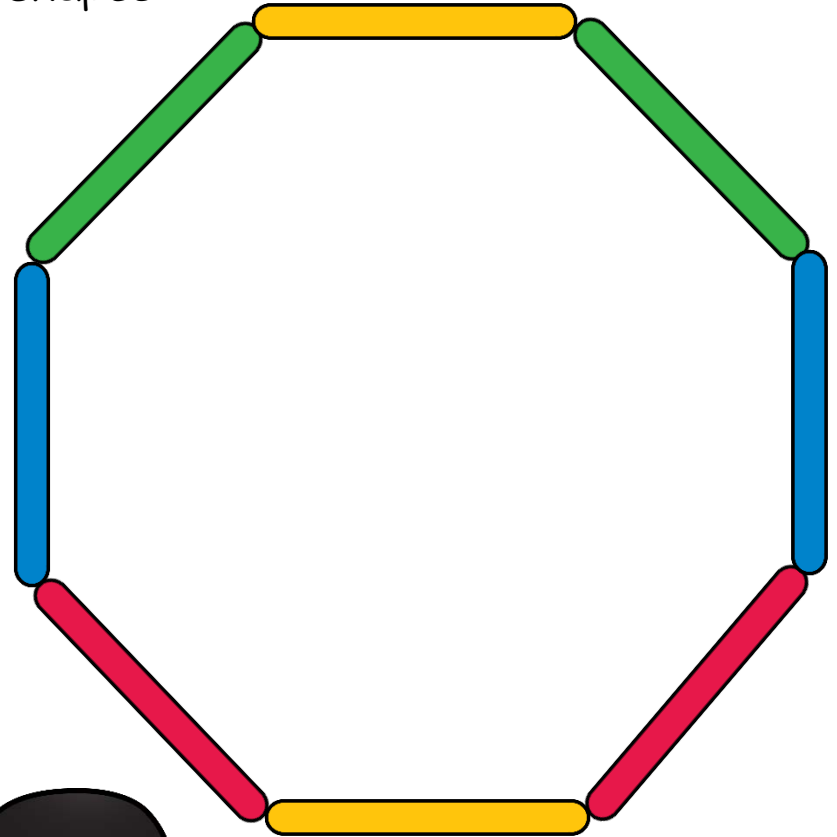
**hexagon**

2D Shapes



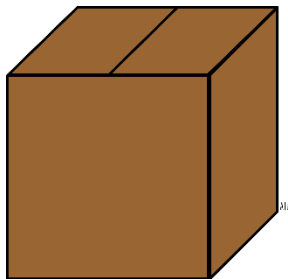
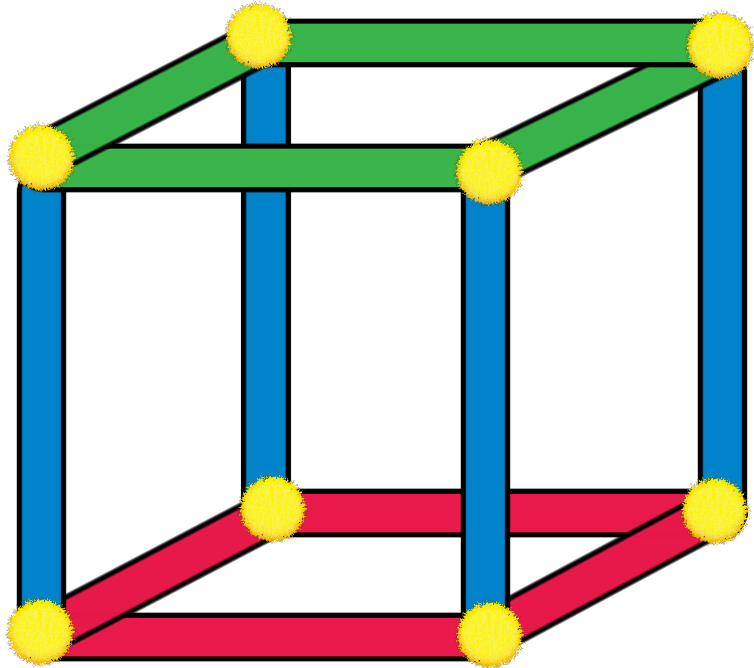
**trapezoid**

2D Shapes



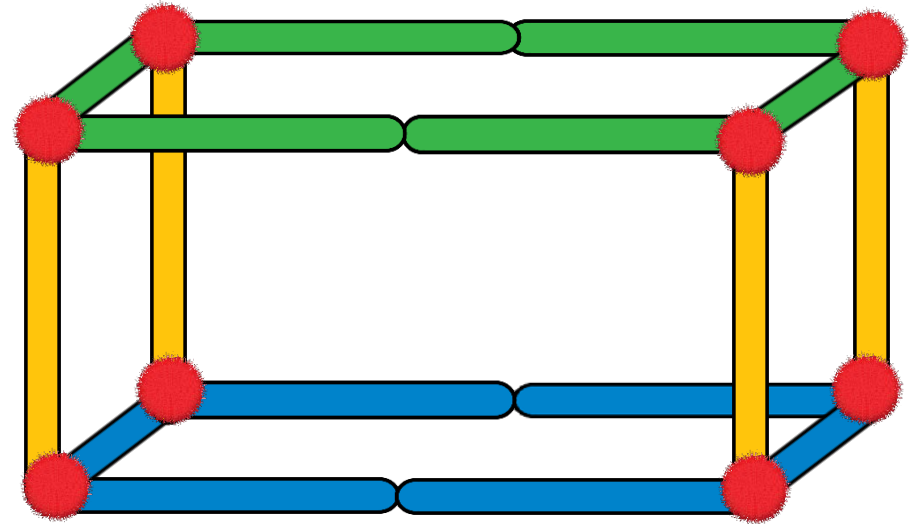
**octagon**

## 3D Shapes



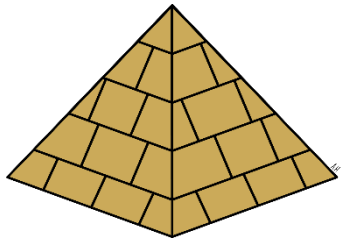
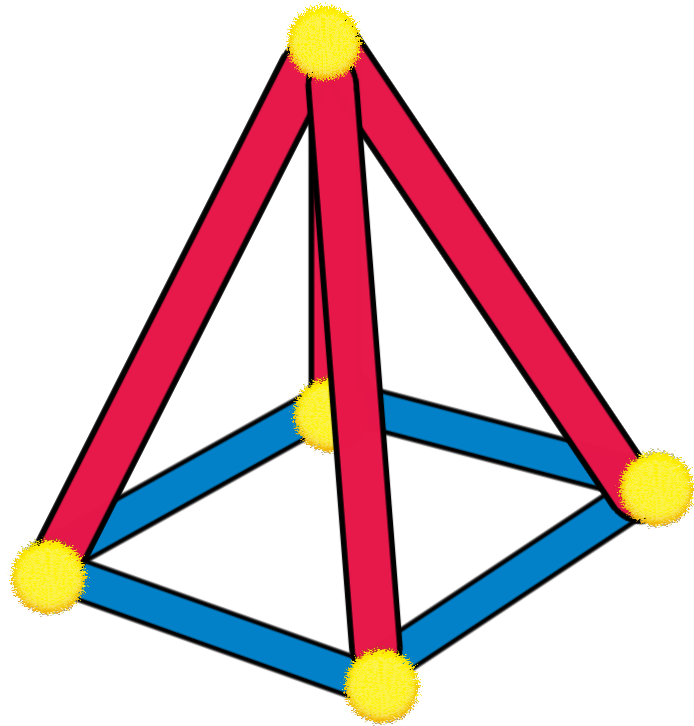
**cube**

## 3D Shapes



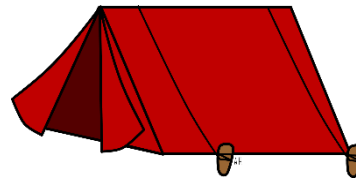
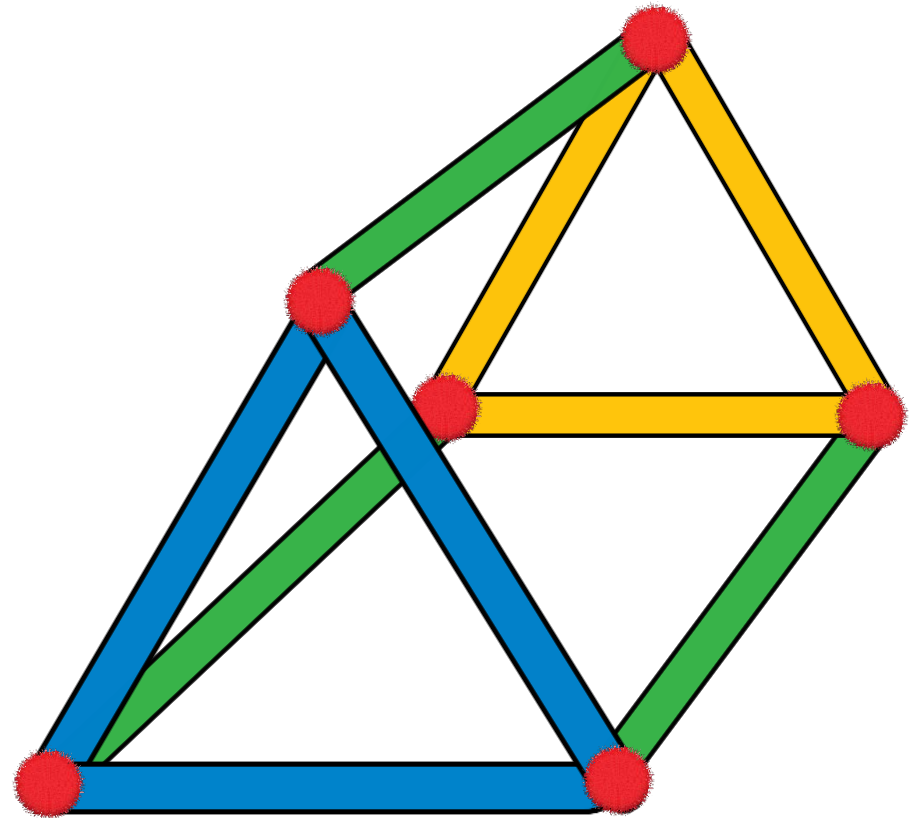
**rectangular  
prism**

## 3D Shapes



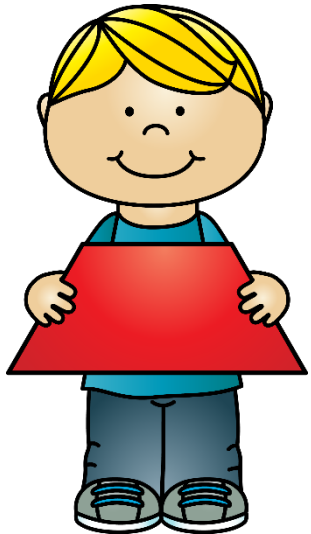
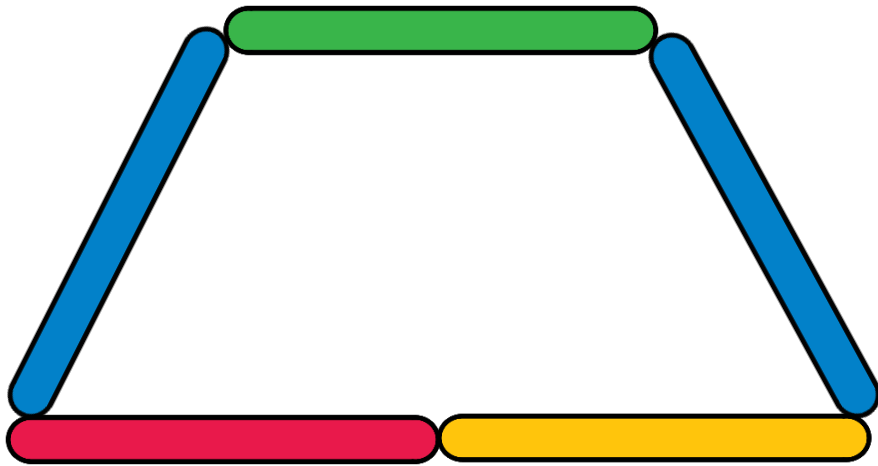
**square  
pyramid**

## 3D Shapes



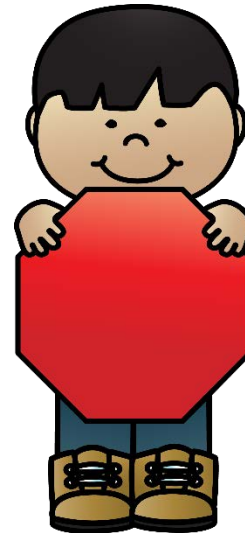
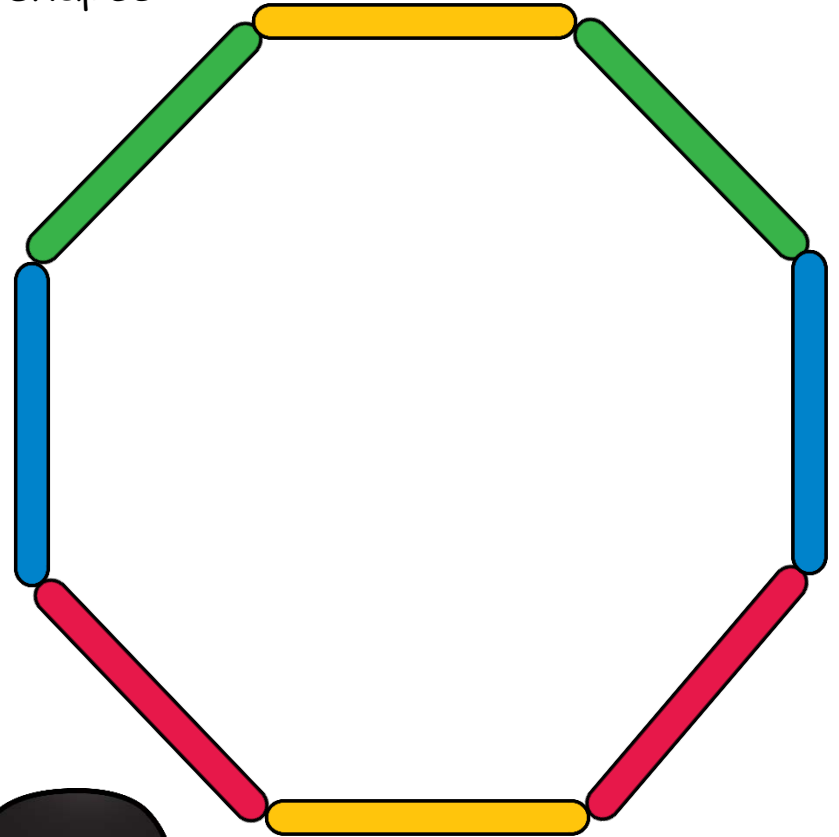
**triangular  
prism**

2D Shapes



**trapezium**

2D Shapes



**octagon**