Which shape is the odd one out?

## Explain why.



Which shape is the odd one out? Explain your reasoning.


What shape could Whitney be thinking of?
Are there any other shapes it could be?
What shape is Whitney definitely not thinking about? How do you know?

## I'm thinking of a 2-D shape with more than 3 sides.



Use true or false to say which shapes are triangles.


Here are 18 lollipop sticks.
How many hexagons can you make?


How many octagons can you make?
What other shapes can you make with 18 sticks?
You can use pens, pencils or straws if you don't have sticks.

## Mo makes a rectangle using the sticks.



How many identical rectangles could he make with 18 sticks?

Make your own rectangle. How many sticks did you use?
You can use pens, pencils or straws if you don't have sticks.

If I put these shapes into order from the smallest number of sides to the largest, which shape would come third?


Where would a hexagon come in the list? Why?

## Amir says,

# My shape has half the number of vertices as an octagon. 

What shape could he have?

## Put these shapes in order based upon the number of vertices they have.



## What shape could be hiding under the spilt paint?



Prove your answer by drawing it.

