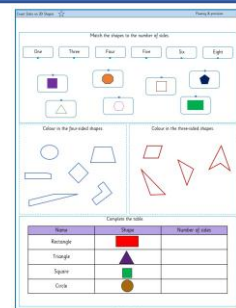


★ Geometry – Count Sides on 2D Shapes

Children learn to count the number of sides each shape has. They match the shapes to the number of sides. They colour the shapes that have the specific number of sides mentioned in the question.

On this sheet, they work with simple shapes and can continue to use a shape mat if needed.

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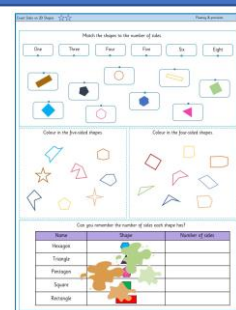


★★ Geometry – Count Sides on 2D Shapes

Children match the shapes with different orientations to the number of sides. They colour the shapes that have the specific number of sides mentioned in the question.

On this sheet, they look at irregular shapes and still count sides. They then try to remember the sides of regular shapes using the table.

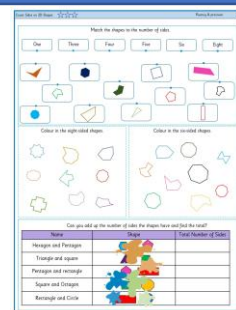
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★★★ Geometry – Count Sides on 2D Shapes

On this sheet, children are given a variety of shapes to choose from. They get the total number of sides from the 2 given shapes.

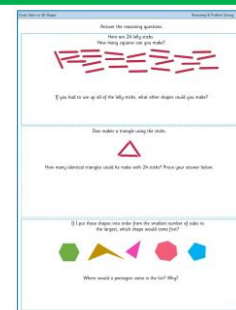
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Reasoning & Problem Solving

Geometry – Count Sides on 2D Shapes

Children answer reasoning questions based on counting sides. They explore trial and error and can use manipulatives to help them solve the problems.





Match the shapes to the number of sides.

One

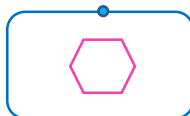
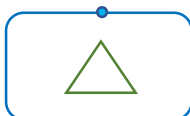
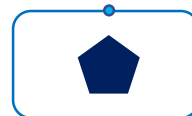
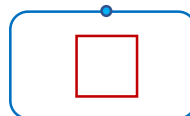
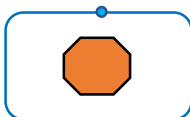
Three

Four

Five

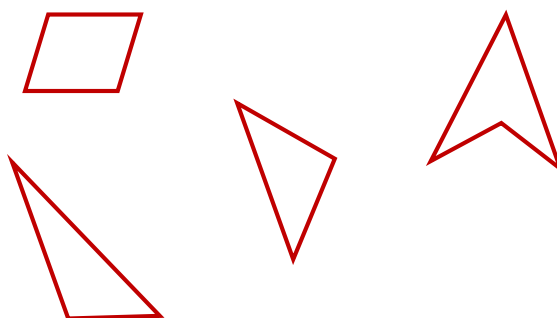
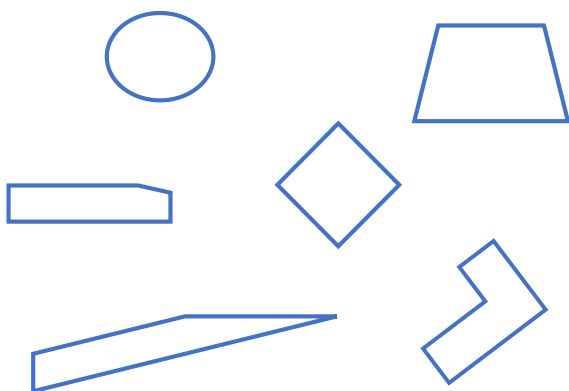
Six

Eight







Colour in the four-sided shapes.

Colour in the three-sided shapes.



Complete the table.

Name	Shape	Number of sides
Rectangle		
Triangle		
Square		
Hexagon		

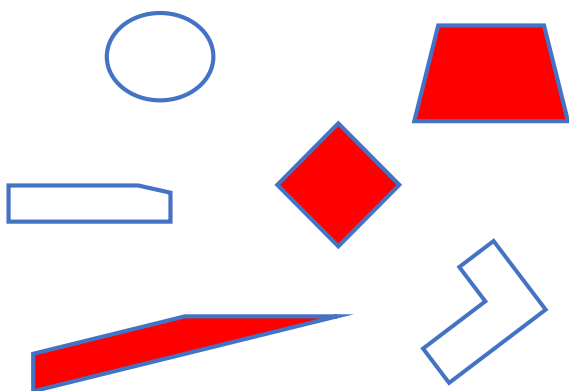


Match the shapes to the number of sides.

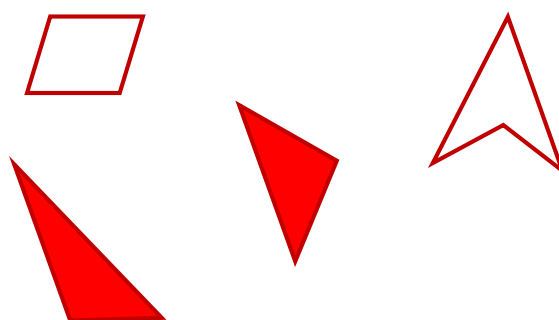
One Three Four Five Six Eight

Shapes shown: Square, Triangle, Octagon, Square, Pentagon, Rectangle, Hexagon.

Colour in the four-sided shapes.



Colour in the three-sided shapes.



Complete the table.

Name	Shape	Number of sides
Rectangle		4
Triangle		3
Square		4
Hexagon		6



Match the shapes to the number of sides.

One

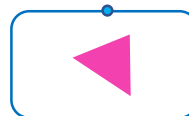
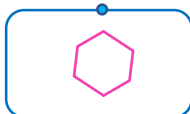
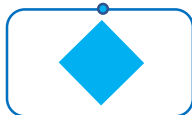
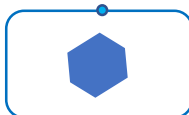
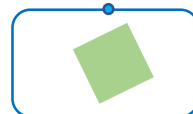
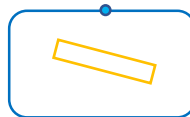
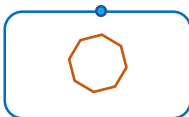
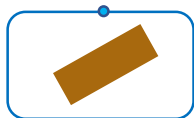
Three

Four

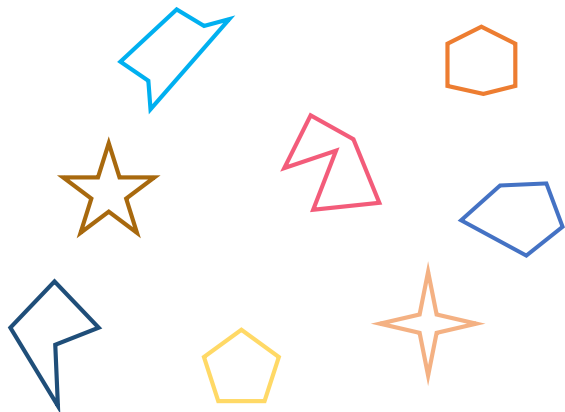
Five

Six

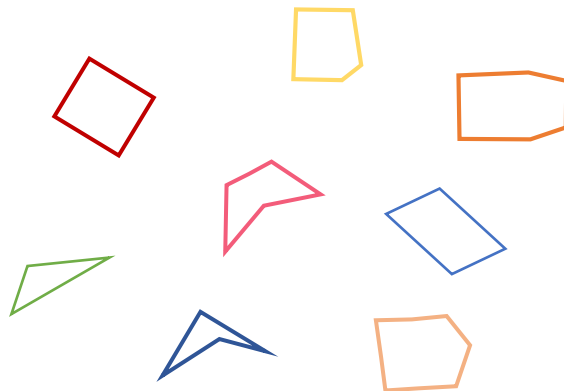
Eight








Colour in the five-sided shapes.



Colour in the four-sided shapes.



Can you remember the number of sides each shape has?

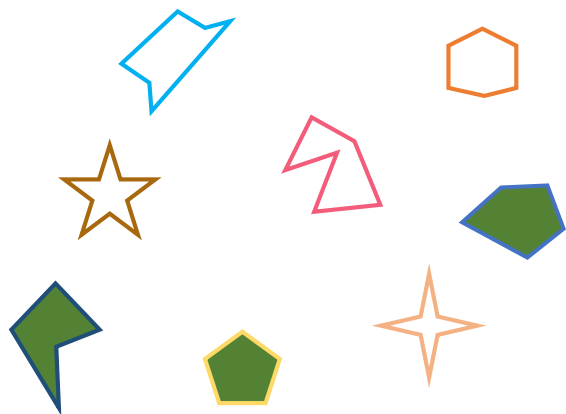
Name	Shape	Number of sides
Hexagon		
Triangle		
Pentagon		
Square		
Rectangle		



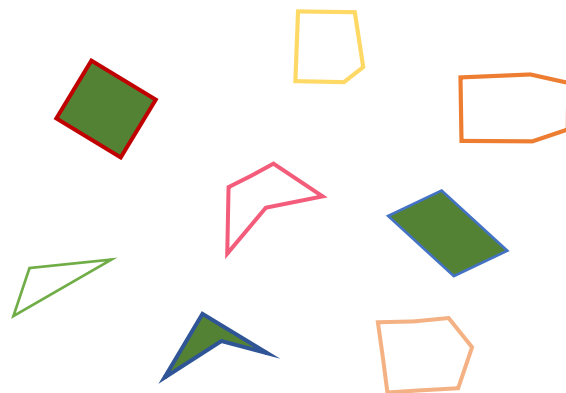
Match the shapes to the number of sides.

One Three Four Five Six Eight

Colour in the five-sided shapes.



Colour in the four-sided shapes.



Can you remember the number of sides each shape has?

Name	Shape	Number of sides
Hexagon		6
Triangle		3
Pentagon		5
Square		4
Rectangle		4

Match the shapes to the number of sides.

One

Three

Four

Five

Six

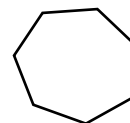
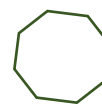
Eight








Colour in the eight-sided shapes.



Colour in the six-sided shapes.



Can you add up the number of sides the shapes have and find the total?

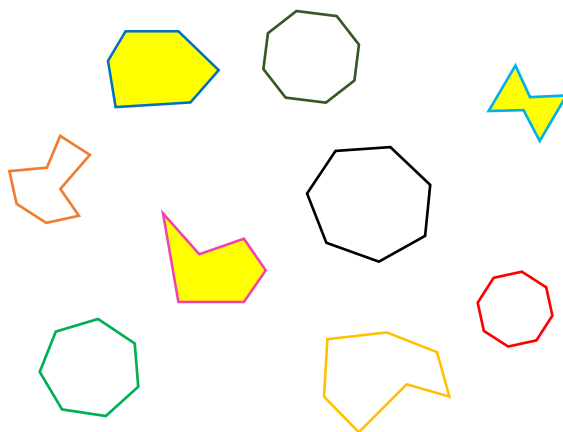
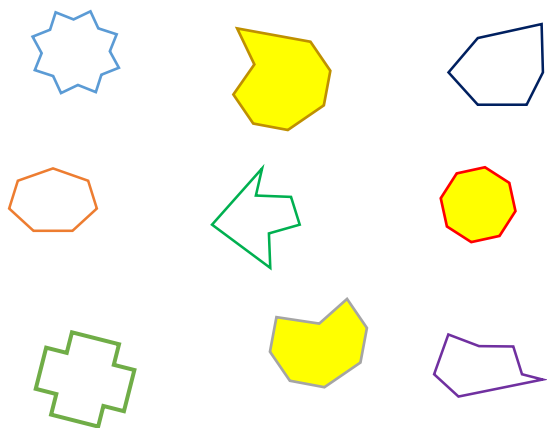
Name	Shape	Total Number of Sides
Hexagon and pentagon		
Triangle and square		
Pentagon and rectangle		
Square and octagon		
Rectangle and triangle		

Match the shapes to the number of sides.

One Three Four Five Six Eight

Colour in the eight-sided shapes.

Colour in the six-sided shapes.

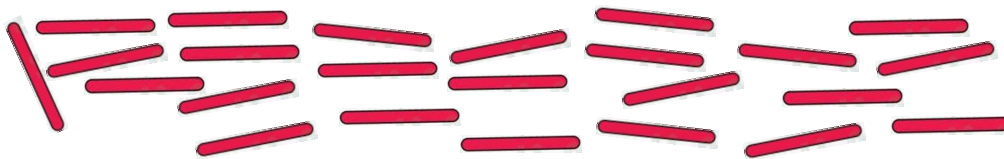


Can you add up the number of sides the shapes have and find the total?

Name	Shape	Total Number of Sides
Hexagon and pentagon		11
Triangle and square		7
Pentagon and rectangle		9
Square and octagon		12
Rectangle and triangle		7

Answer the reasoning questions.

Here are 24 lolly sticks.
How many squares can you make?



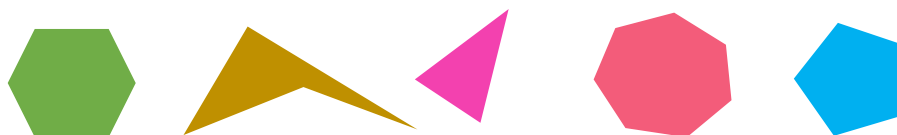
If you had to use up all of the lolly sticks, what other shapes could you make?

Dan makes a triangle using the sticks.



How many identical triangles could he make with 24 sticks? Prove your answer below.

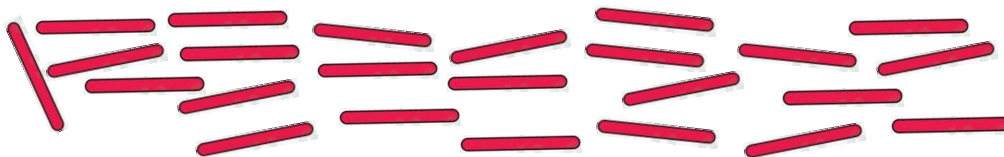
If I put these shapes into order from the smallest number of sides to the largest, which shape would come first?



Where would a pentagon come in the list? Why?

Answer the reasoning questions.

Here are 24 lolly sticks.
How many squares can you make?



6 squares

If you had to use up all of the lolly sticks, what other shapes could you make?

8 triangles, 4 hexagons and 3 octagons

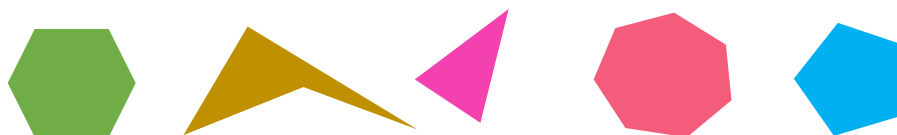
Dan makes a triangle using the sticks.



How many identical triangles could he make with 24 sticks? Prove your answer below.

8 identical triangles

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



Where would a pentagon come in the list? Why?

