Maths

Properties of Shape

Need a coherently planned sequence of lessons to complement this resource?

See our Properties of Shapes Steps to Progression document.

Twinkl PlanIt is our award-winning scheme of work with over 4000 resources.

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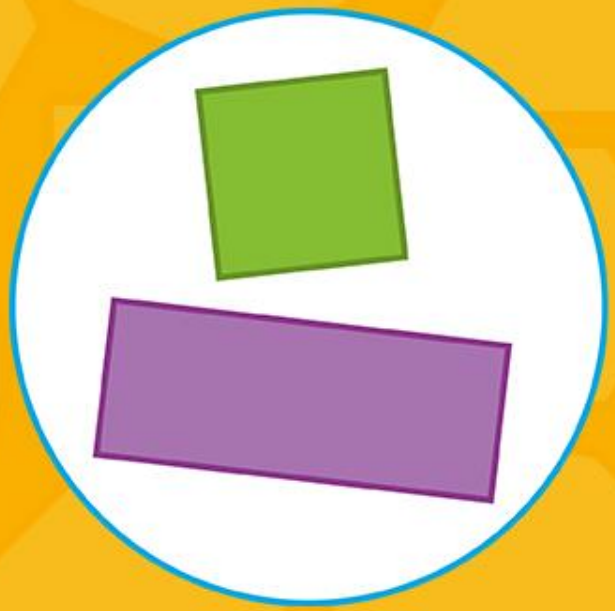
Sort 2D Shapes



Aim

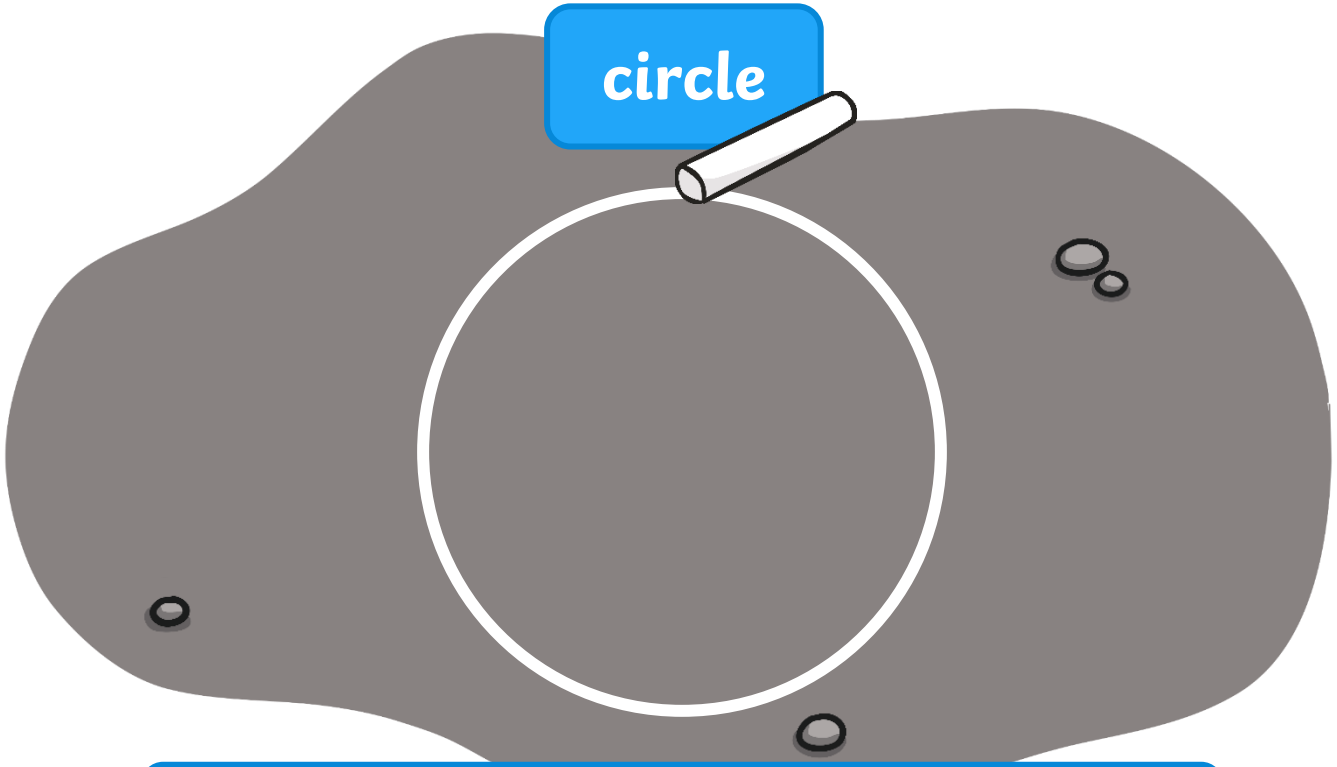
- To sort common 2D shapes.

Success Criteria

- I can identify a shape that doesn't belong in a set.
- I can label groups of 2D shapes.
- I can sort 2D shapes into groups.
- I can add a shape to a set.

Remember It

Can you draw this shape?



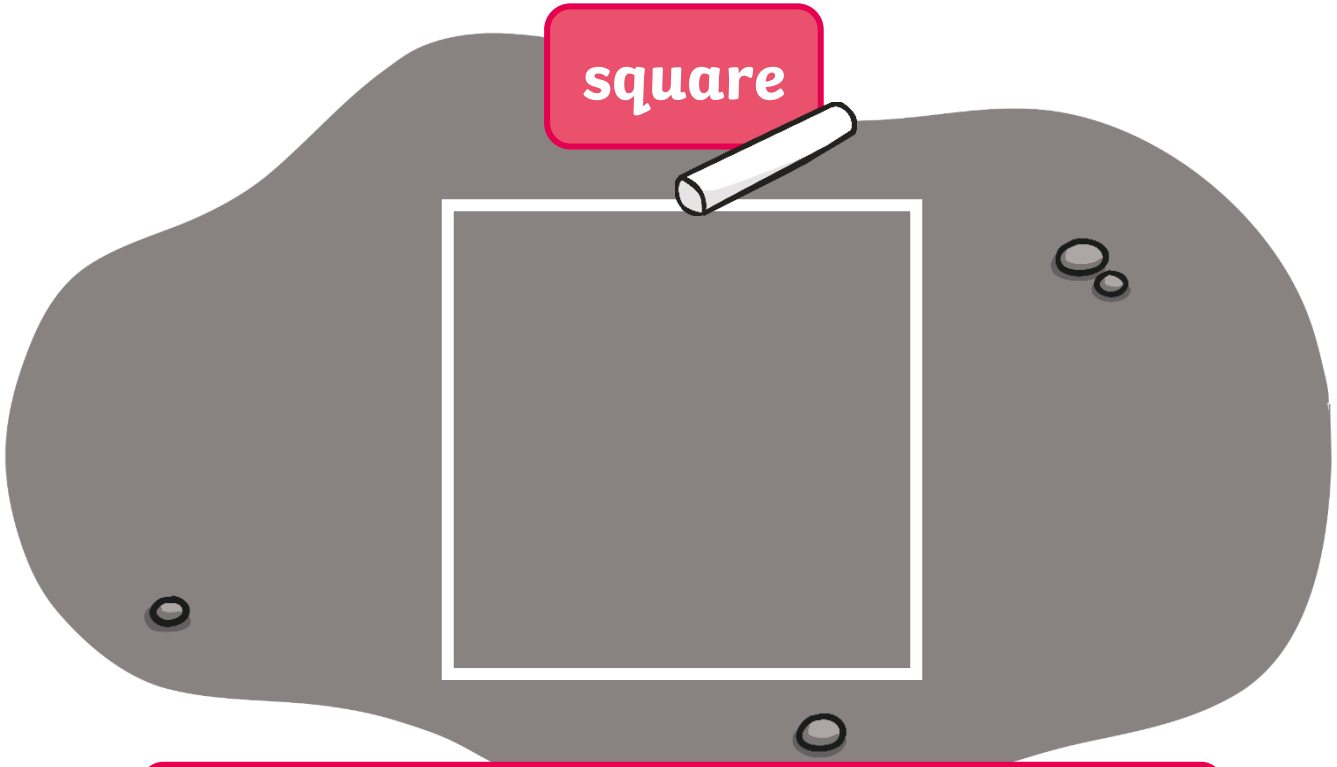
Compare your drawing with your classmates.

What's the same about them?

What's different?

Remember It

Can you draw this shape?



Compare your drawing with your classmates.

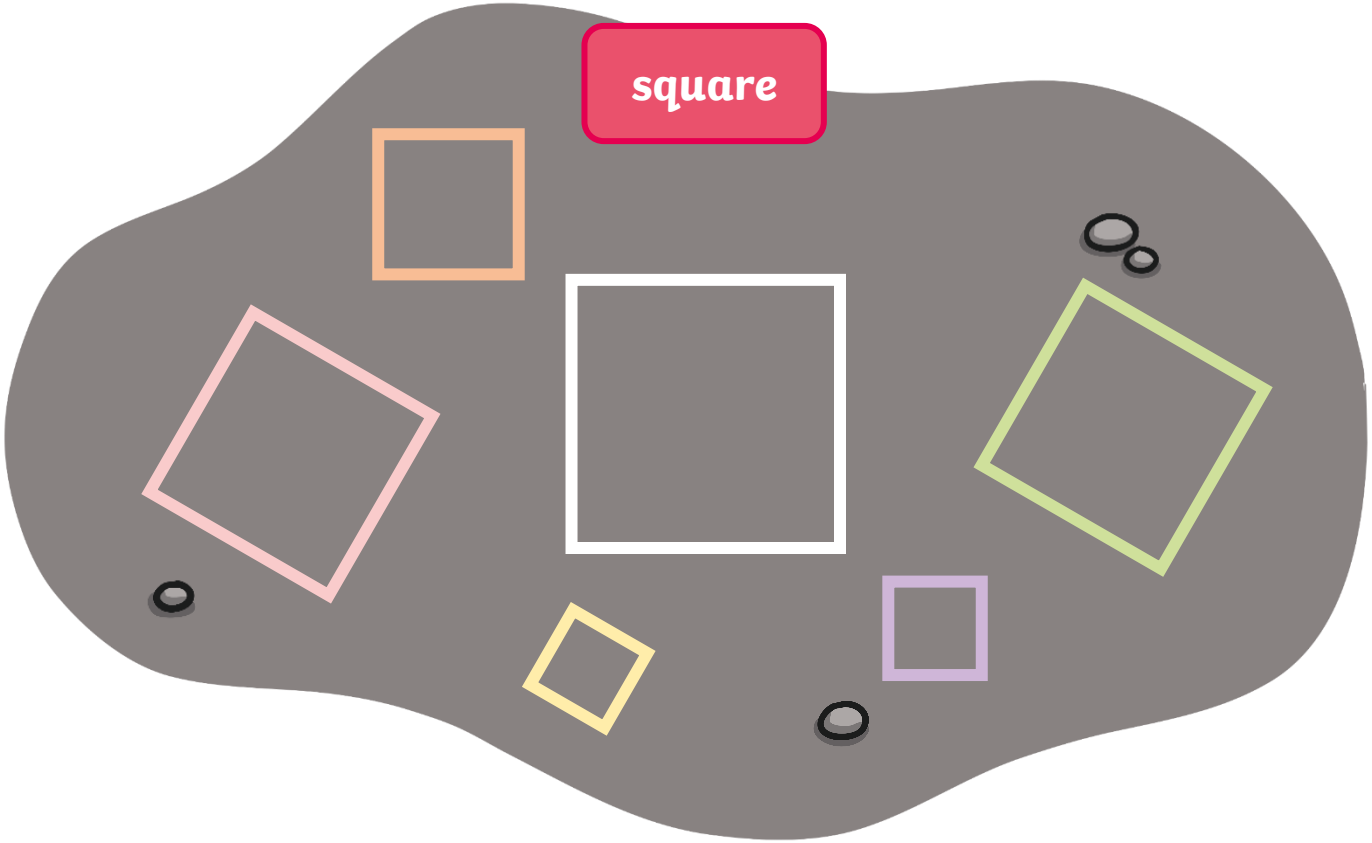
What's the same about them?

What's different?

Remember It

Can you draw a different square?

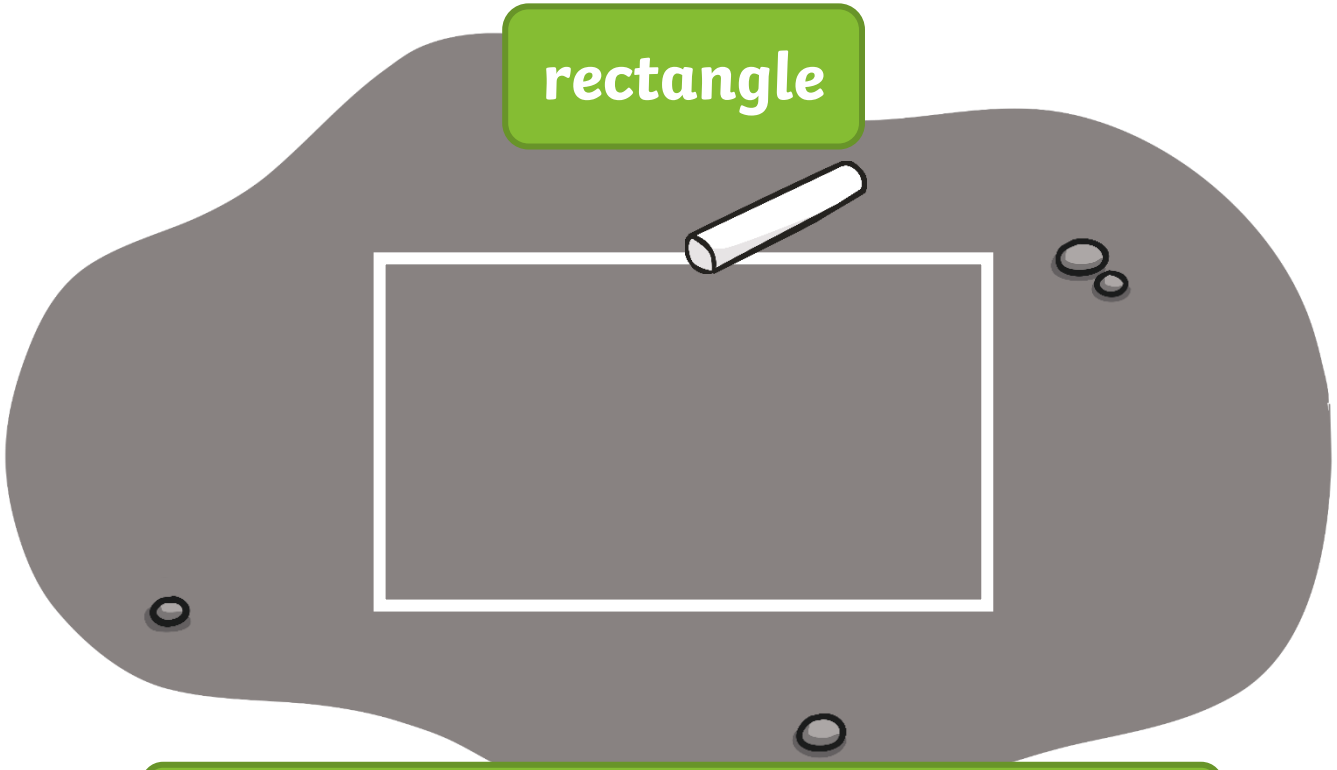
What do you need to remember?



Squares have 4 corners and 4 straight sides of the same length.

Remember It

Can you draw this shape?



Compare your drawing with your classmates.

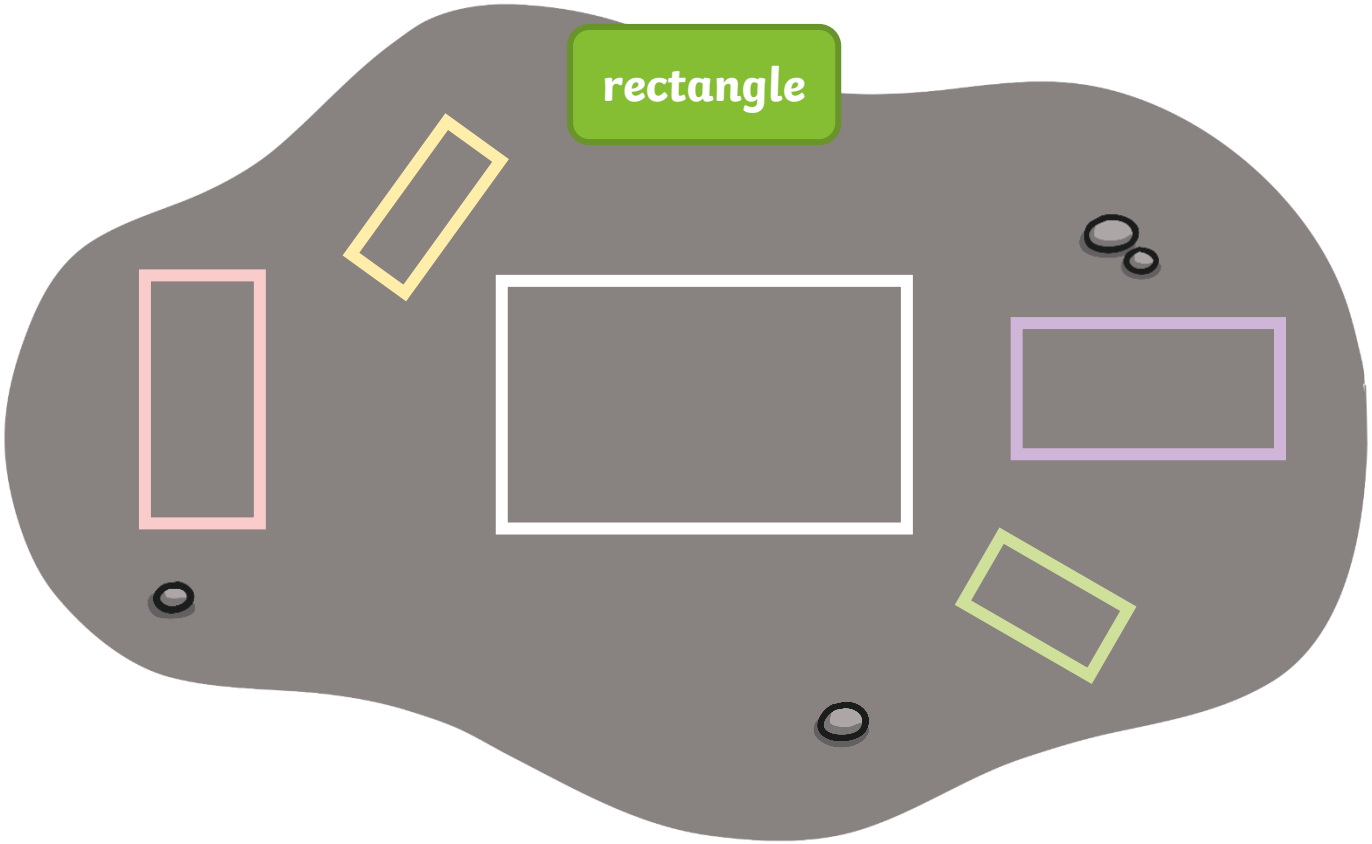
What's the same about them?

What's different?

Remember It

Can you draw a different rectangle?

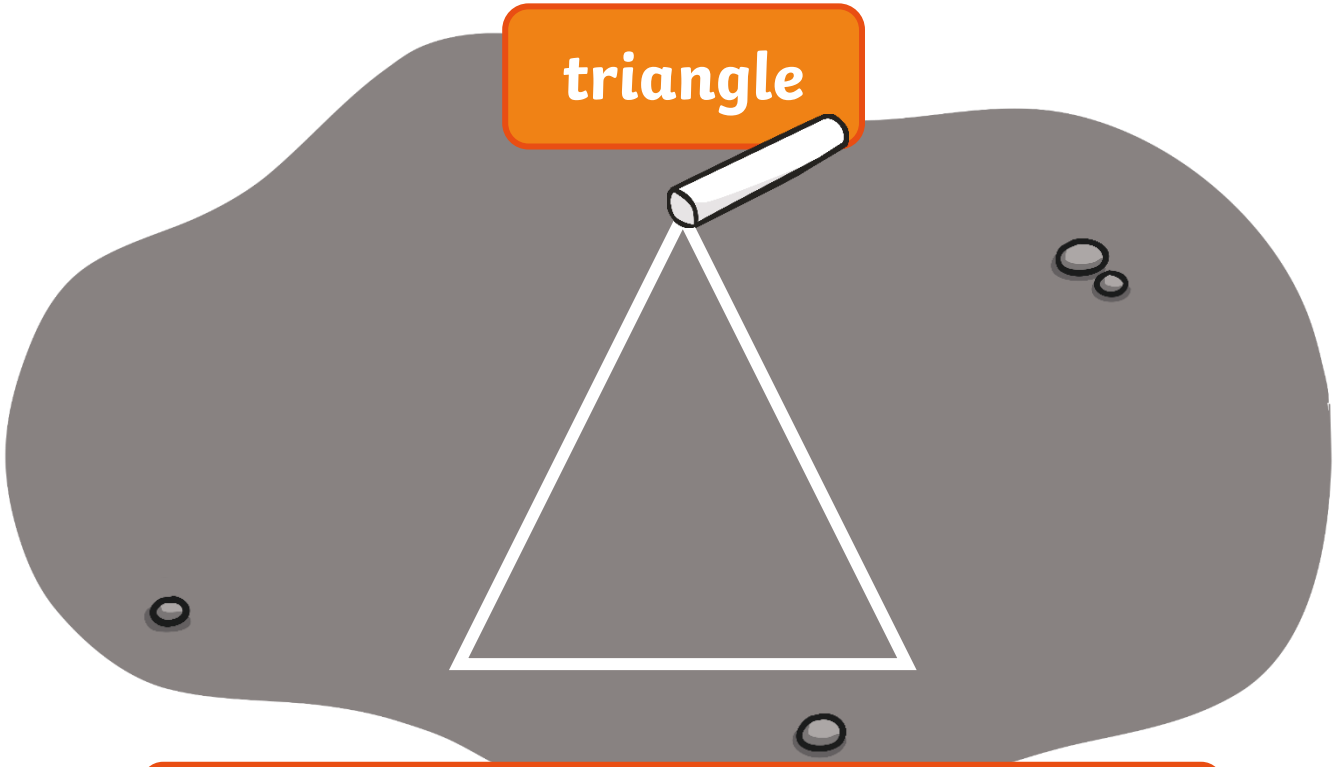
What do you need to remember?



Rectangles have 4 corners and 4 straight sides.

Remember It

Can you draw this shape?



Compare your drawing with your classmates.

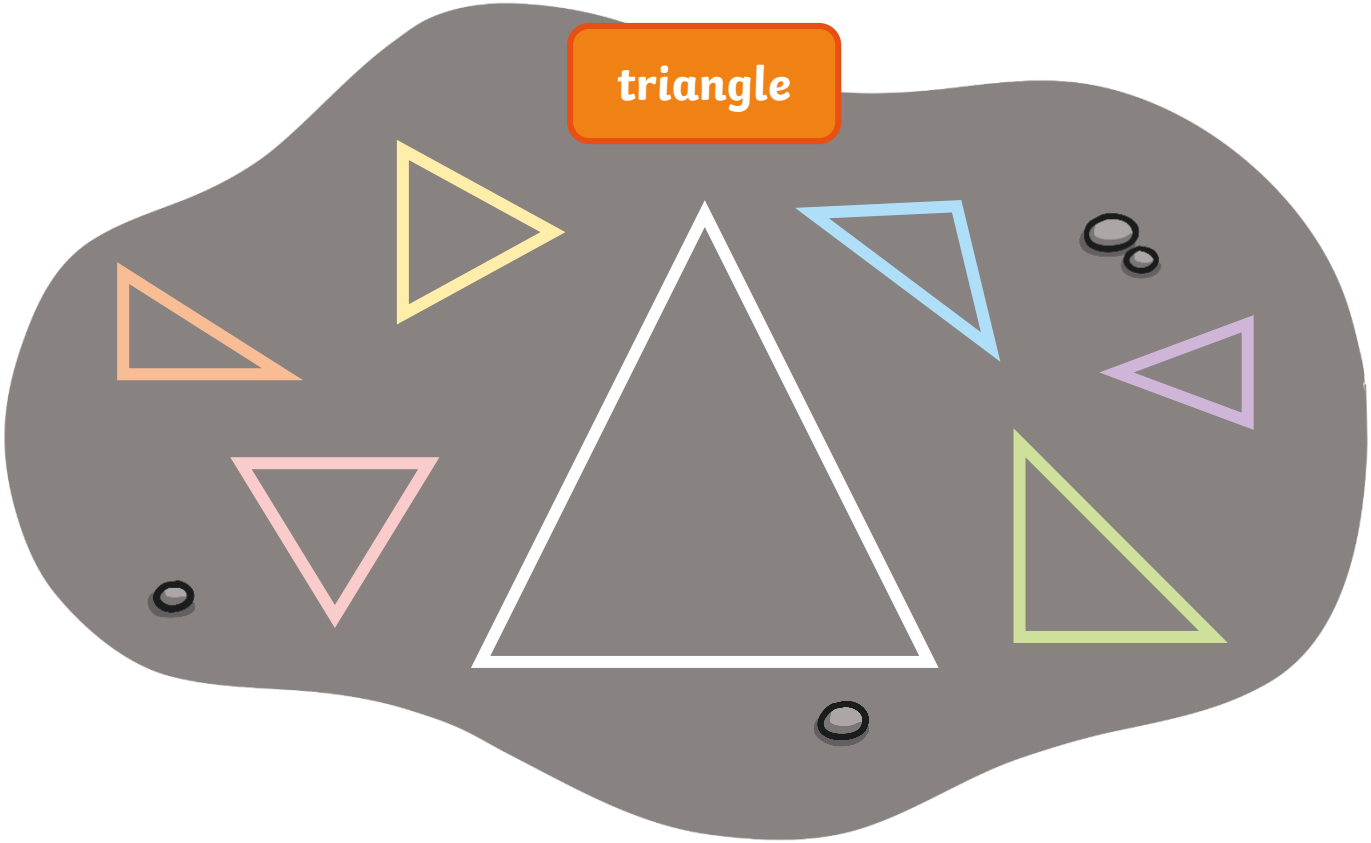
What's the same about them?

What's different?

Remember It

Can you draw a different triangle?

What do you need to remember?

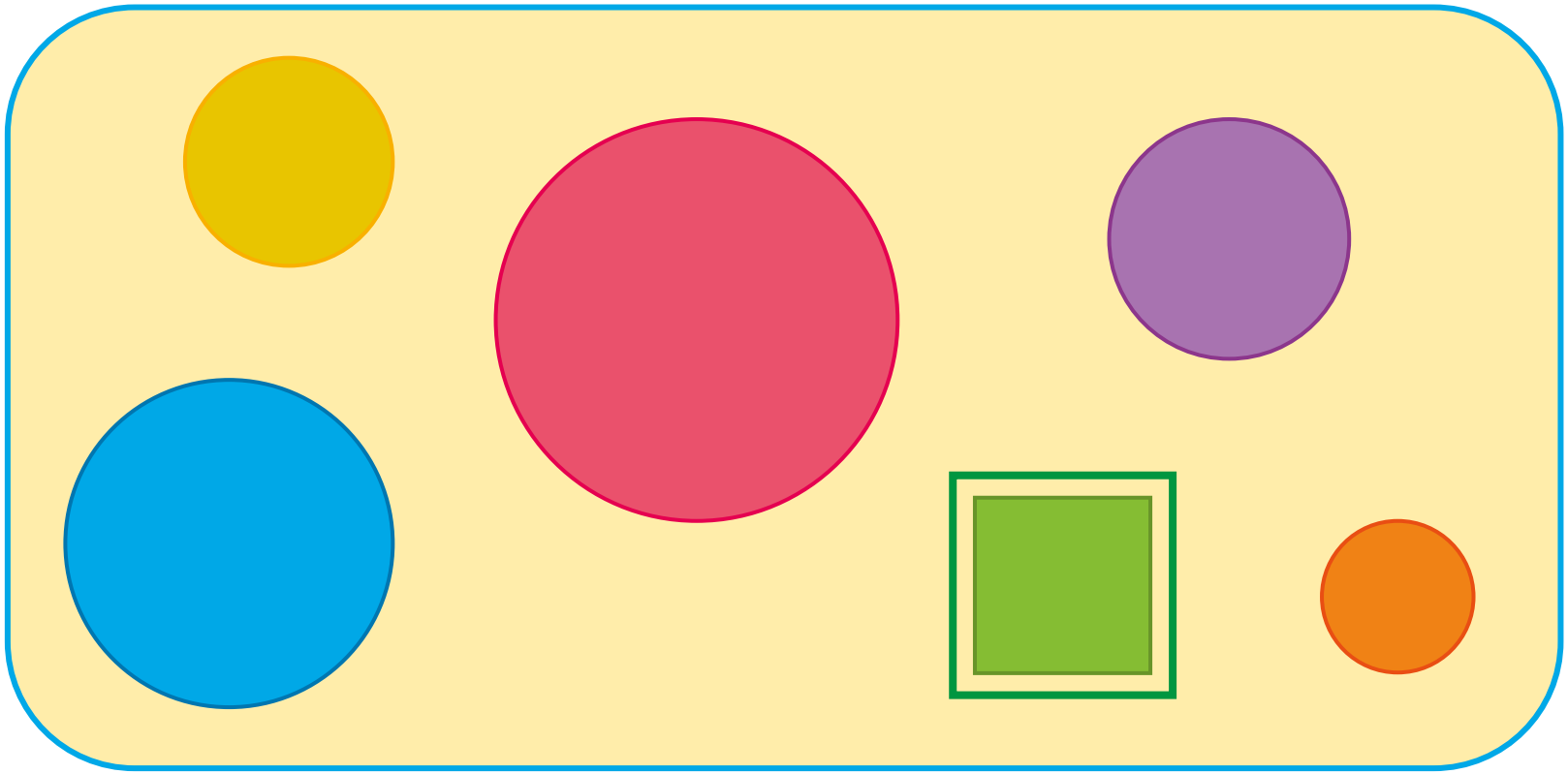


Triangles have 3 corners and 3 straight sides.

Odd One Out

These shapes have been sorted into a group.

Can you spot the odd one out?

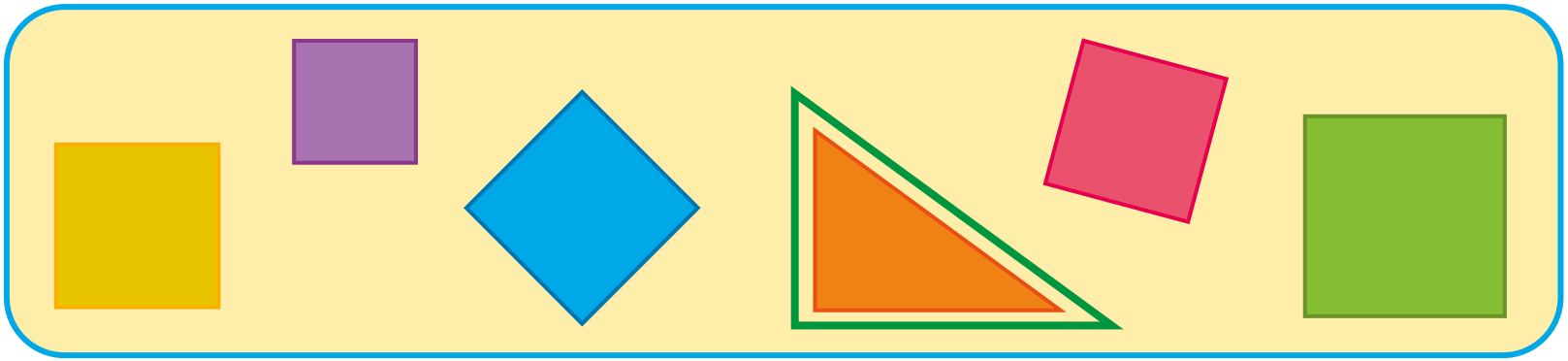


Can you explain why?

Odd One Out

These shapes have been sorted into a group.

Can you spot the odd one out?



What is the same about the triangle and squares?

They have corners and straight sides.

What is different?

Triangles have 3 sides and 3 corners.

Squares have 4 sides and 4 corners.

Label Groups

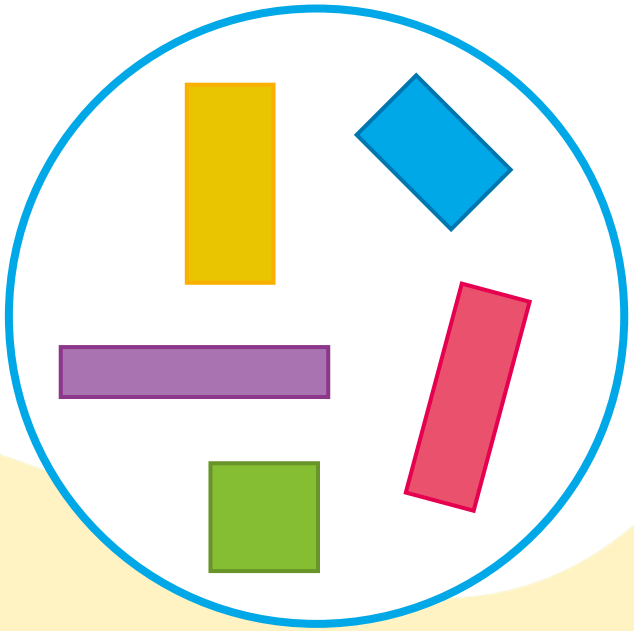
These shapes are in 2 sorting rings.

How would you label each group?

triangles

3 corners

3 straight sides



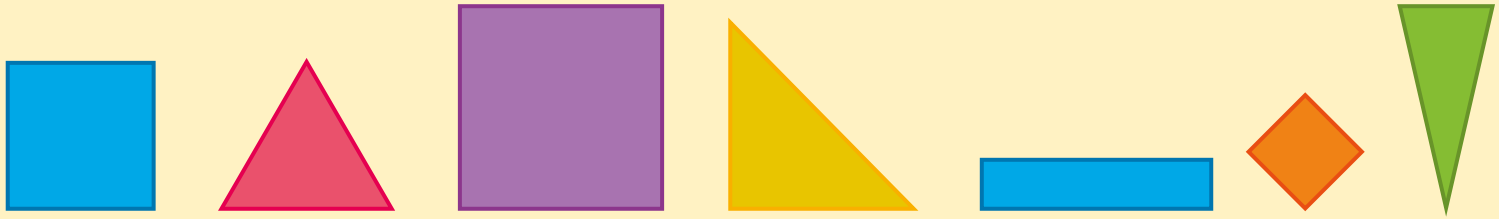
rectangles

4 corners

4 straight sides

Sort 2D Shapes

Can you sort these shapes into the sets?



triangles

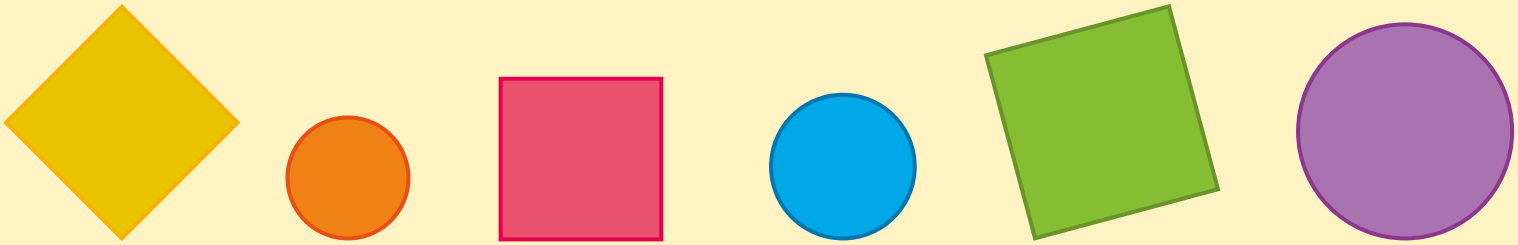
squares

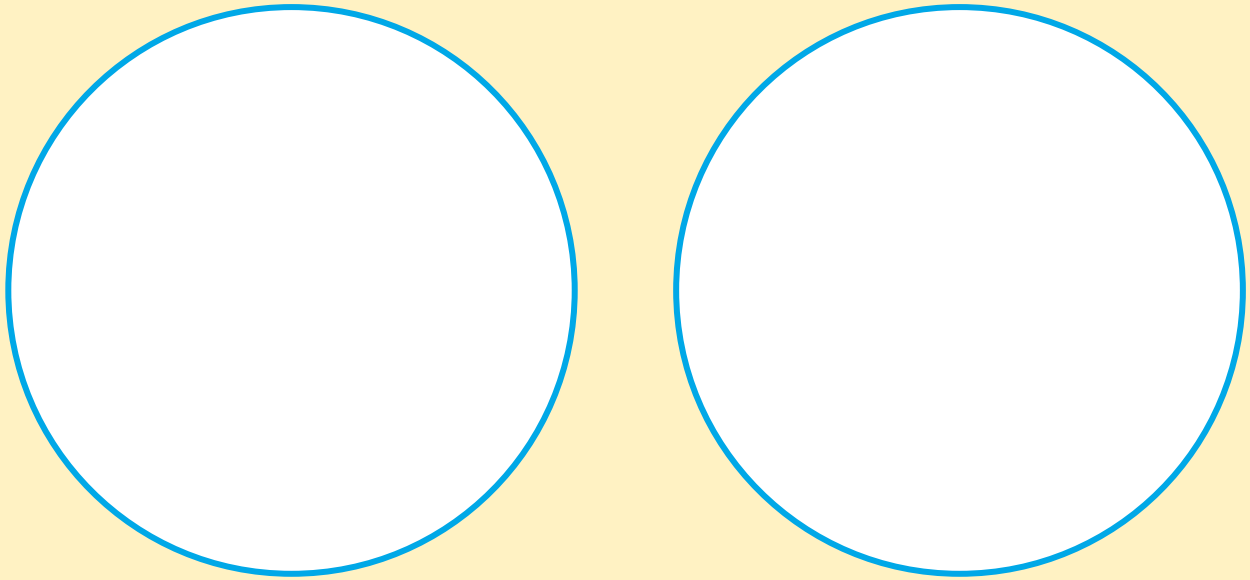
Which shape didn't belong in either set?

Can you explain why?

Sort 2D Shapes

Can you sort these shapes into 2 groups?



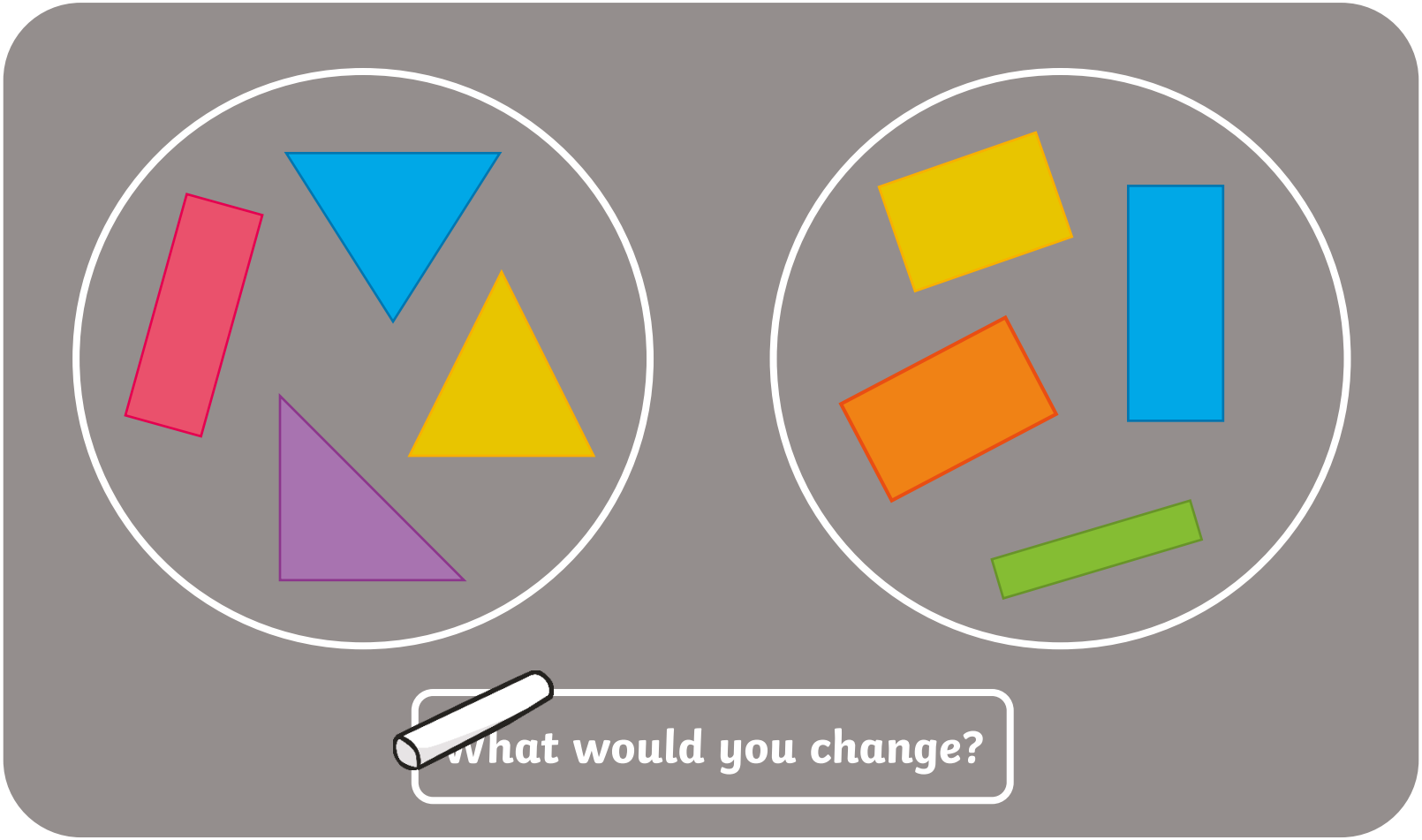


What can you tell me about each group?

Check It

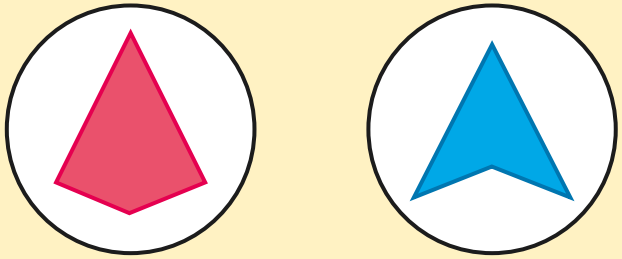
Have these shapes been sorted correctly?

Can you explain why?

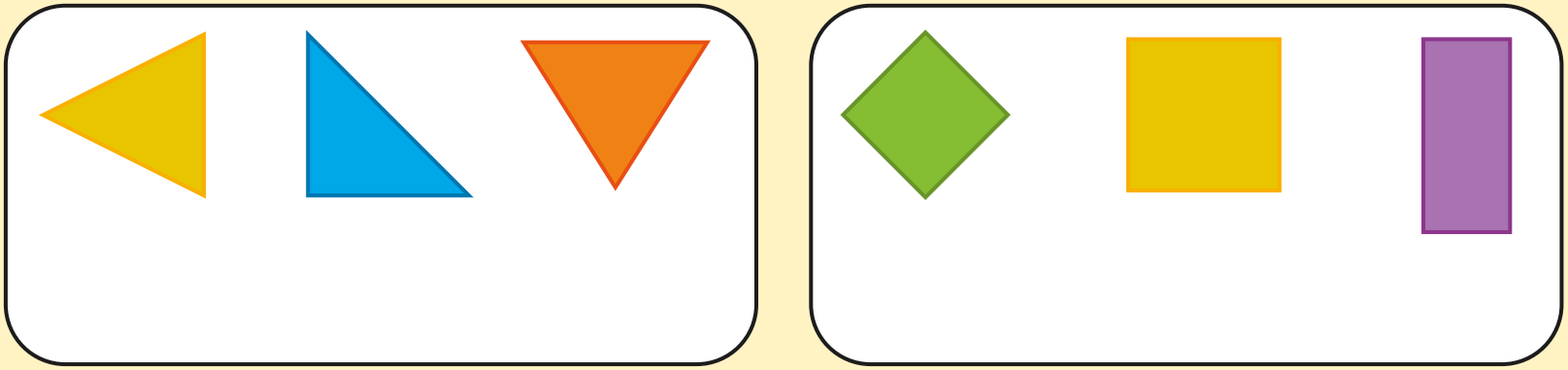


Add It

Can you add these shapes to the sets?



Where could they go?



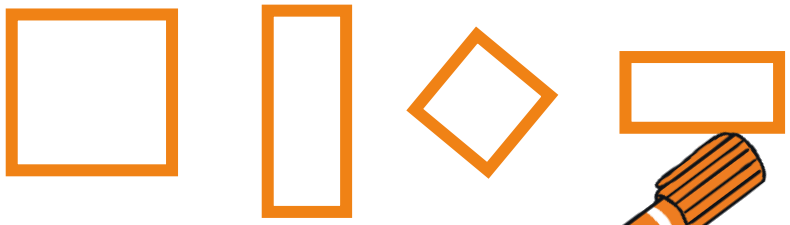
Can you explain why?

The shapes in this set have 4 sides and 4 corners.

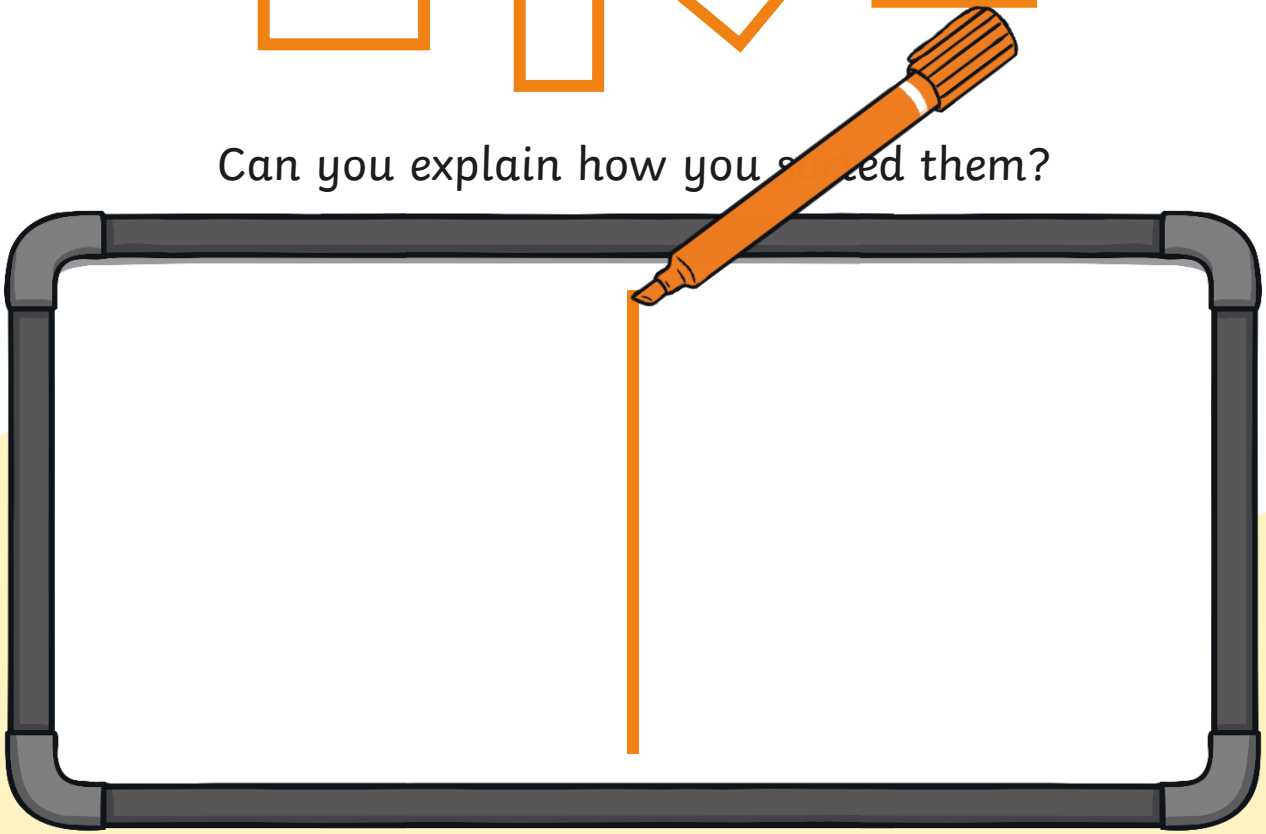
Draw It

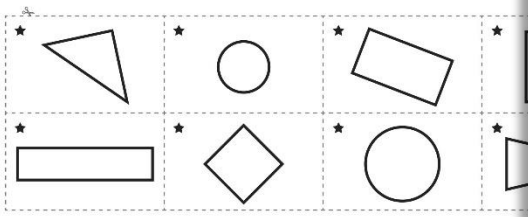
Draw a line from the top to the bottom of your board to make 2 spaces.

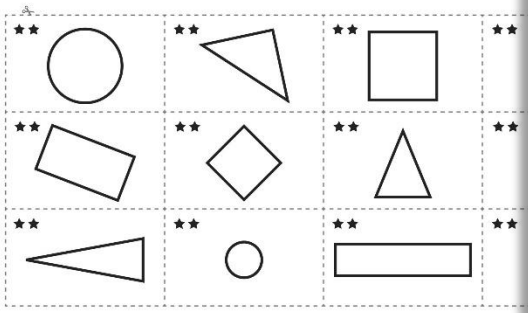
Find a way to sort the 2D shapes.

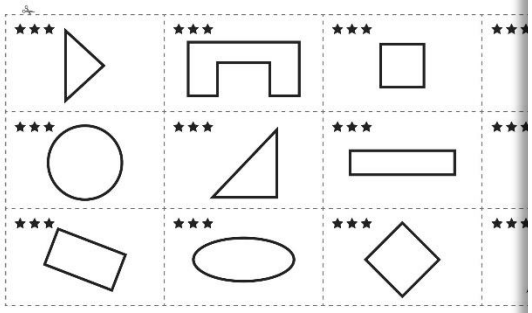


Can you explain how you sorted them?









Sort 2D Shapes

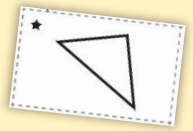
To sort common 2D shapes.

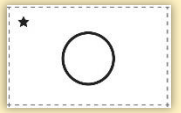
Squares are special rectangles because each side is the same length. For this activity, squares have been sorted into their own group.

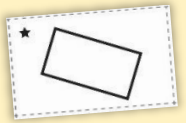
- Cut out the shape pictures.
- Sort them into groups.
- Stick them when you have checked that they are in correct groups.

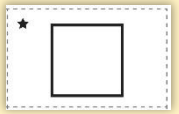
circles	squares

triangles	rectangles



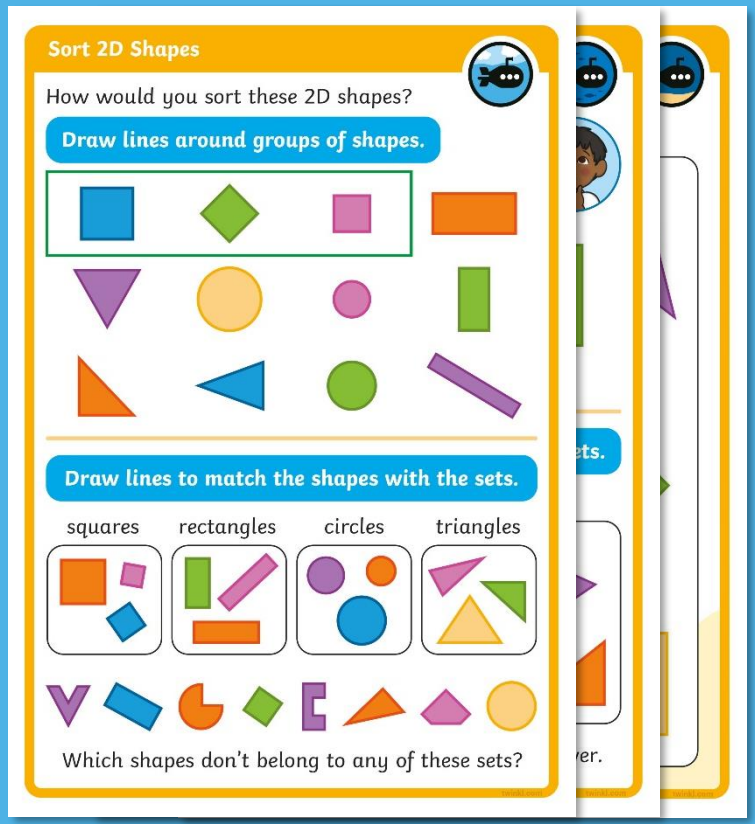






Diving into Mastery

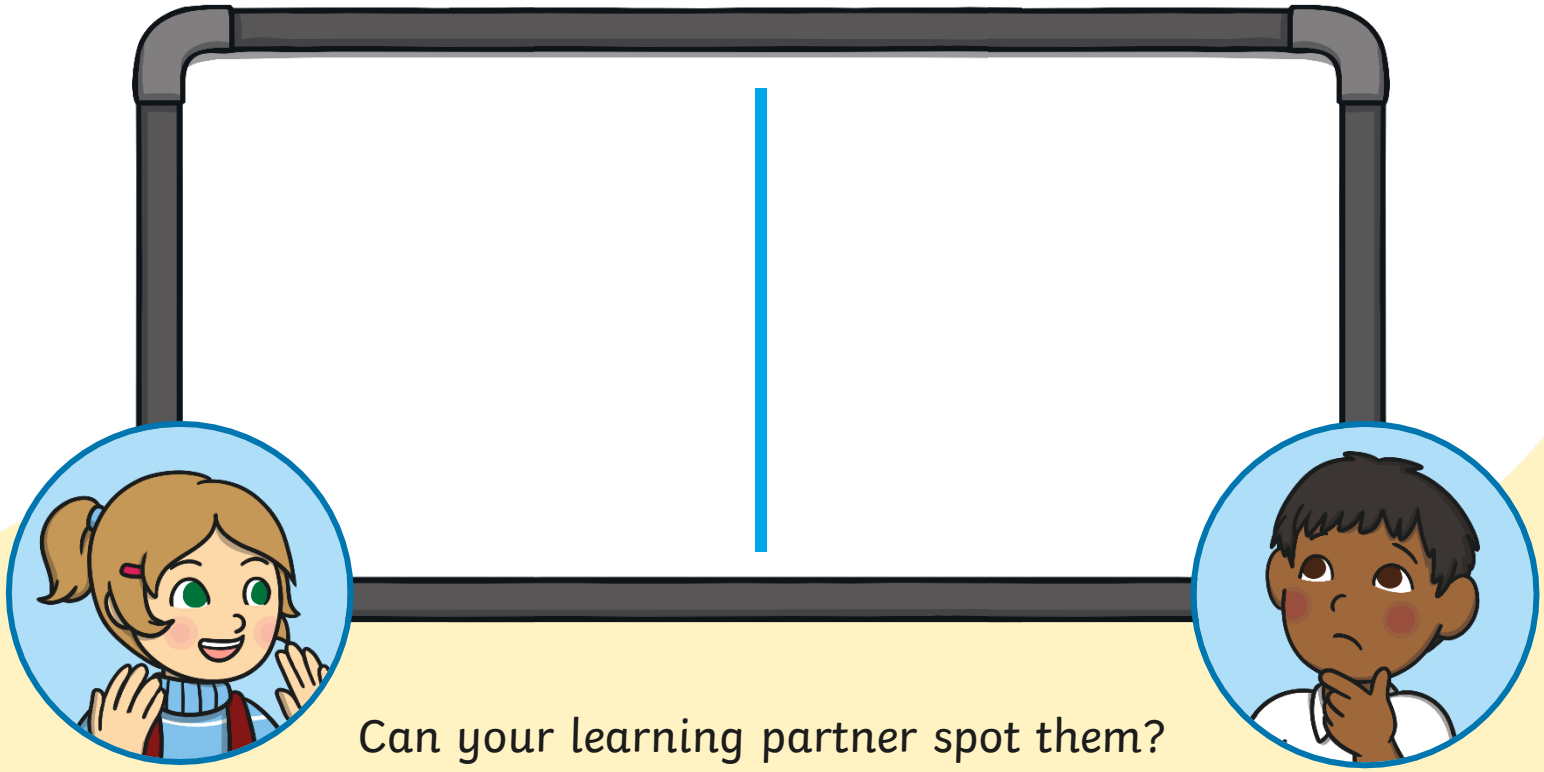
Dive in by completing your own activity!



Spot It

Draw a set of triangles and a set of rectangles.

Include a mistake in each set.



Can your learning partner spot them?

How do they know?

Aim

- To sort common 2D shapes.

Success Criteria

- I can identify a shape that doesn't belong in a set.
- I can label groups of 2D shapes.
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