

Space: Shape Jigsaws

Australian Curriculum

This lesson plan could be used to support the teaching and learning of the following content description from the Australian Curriculum.

Year 1 - Mathematics - Space

Make, compare and classify familiar shapes; recognise familiar shapes and objects in the environment, identifying the similarities and differences between them (AC9M1SP01)

Aim: To recognise and name common 2D shapes.	Success Criteria: I know the names of some common 2D shapes. I know what different 2D shapes look like. I can say what the name of a shape is from looking at it.	Resources: Lesson Pack Whiteboards and pens – class set Scissors and glue – class set
	Key/New Words: Circle, square, rectangle, triangle, pentagon, hexagon, octagon, two-dimensional, sides, corners, vertices.	Preparation: Differentiated Shape Jigsaws Activity Sheets - one per child 2D Shape Word Mats - as required

Prior Learning: It will be helpful if children are familiar with some common 2D shapes. It will also be helpful if the children have reasonable cutting skills and experience of completing jigsaws.

Learning Sequence

	How Many Circles? Using the Lesson Presentation , ask the children to find as many circles as they can in the pattern. Encourage the children to come up with a systematic way of counting them all, for example, counting from left to right. Children may prefer to use whiteboards to explore their thinking.	
	Puzzle Maker: Using the Lesson Presentation , ask the children to work out what 2D shapes the puzzle pieces will make when assembled together. Count how many sides and how many corners/vertices the shape has.	
	Shape Jigsaws: Children complete a four piece jigsaw of a circle, triangle, rectangle and square and add appropriate labels to name the shapes and how many sides and corners the shape has.	
	Children complete a simple two piece jigsaw of a circle, triangle, rectangle and square and name the shapes to an adult. Children complete a three piece jigsaw of a circle, triangle, rectangle and square and add appropriate labels to name these shapes. Children complete a four piece jigsaw of a circle, triangle, rectangle and square and add appropriate labels to name these shapes.	
	Jigsaw Jumble: Ask the children to work out what the missing part of the puzzle is. Support children with naming the shapes.	

Exploreit

- Nameit:** Cover up the names of the 2D shapes on _____ and ask the children to name all of the shapes as quickly as they can. Challenge them to name the shapes in a set time limit, building up speed and accuracy with practise.
- Strikeit:** Provide children with a skittles set and attach a different 2D shape to each pin. Ask the children to take turns bowling and to name the shapes they knock over. Make the game more challenging by asking the children to describe the properties of the shapes, as well as naming them.
- Snapit:** Provide pairs with a set of _____ to reinforce their knowledge and recall of shape names.



Mathematics

Space



Shape Jigsaws



Aim

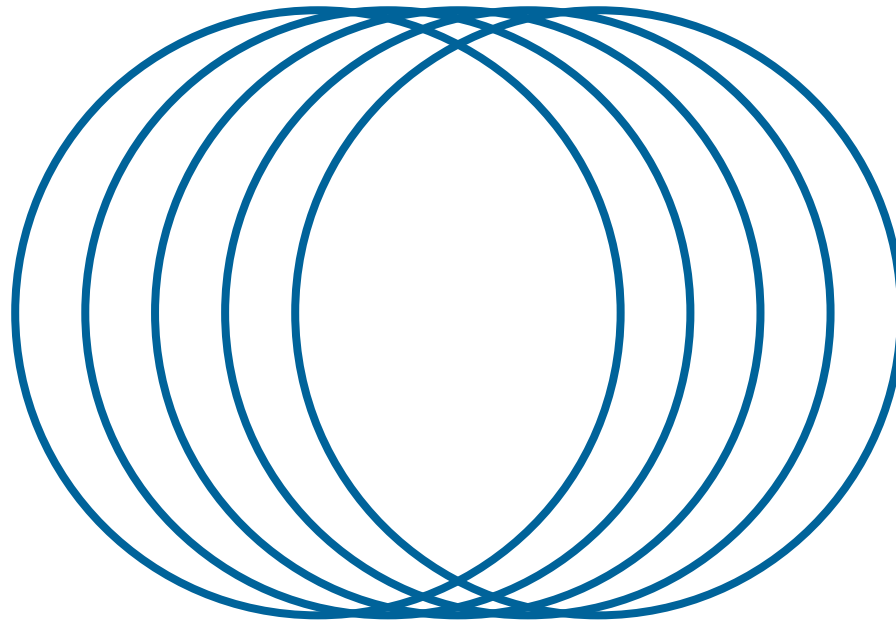
- To recognise and name some common 2D shapes.

Success Criteria

- I know the names of some common 2D shapes.
- I know what different 2D shapes look like.
- I can say what the name of a shape is from looking at it.

How Many Circles?

How many circles can you count?

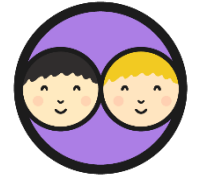


Answer



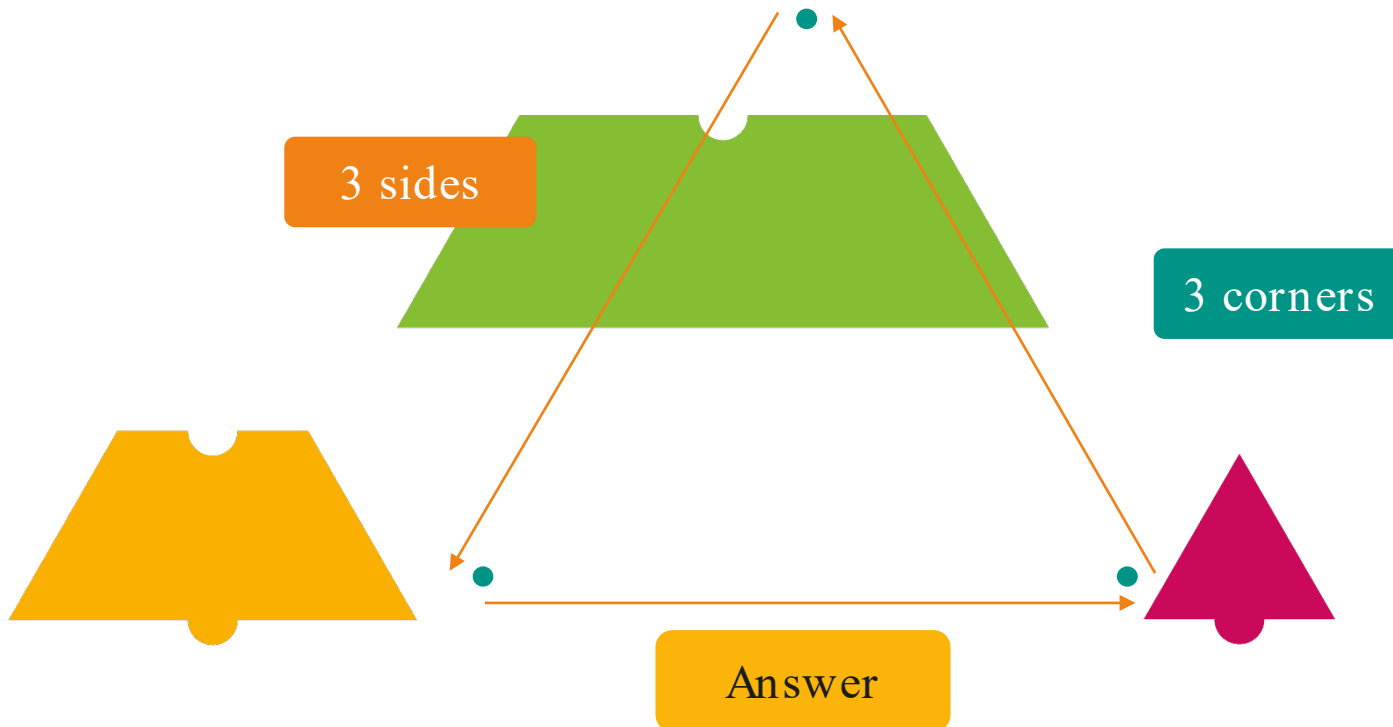
Can you find a way to count them all without missing any?

Puzzle Maker

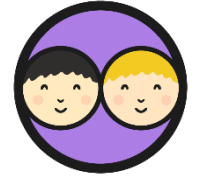


What shape will the puzzle make when the pieces are put back together?
How many sides and corners can you count?

Triangle



Puzzle Maker

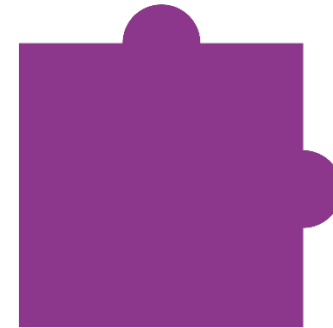


What shape will the puzzle make when the pieces are put back together?
How many sides and corners can you count?

Square



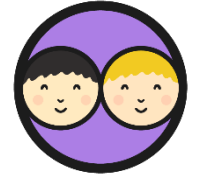
4 sides



4 corners

Answer

Puzzle Maker



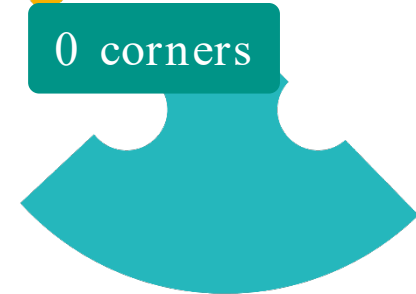
What shape will the puzzle make when the pieces are put back together?
How many sides and corners can you count?

Circle

1 curved side

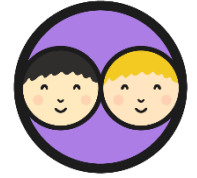


0 corners



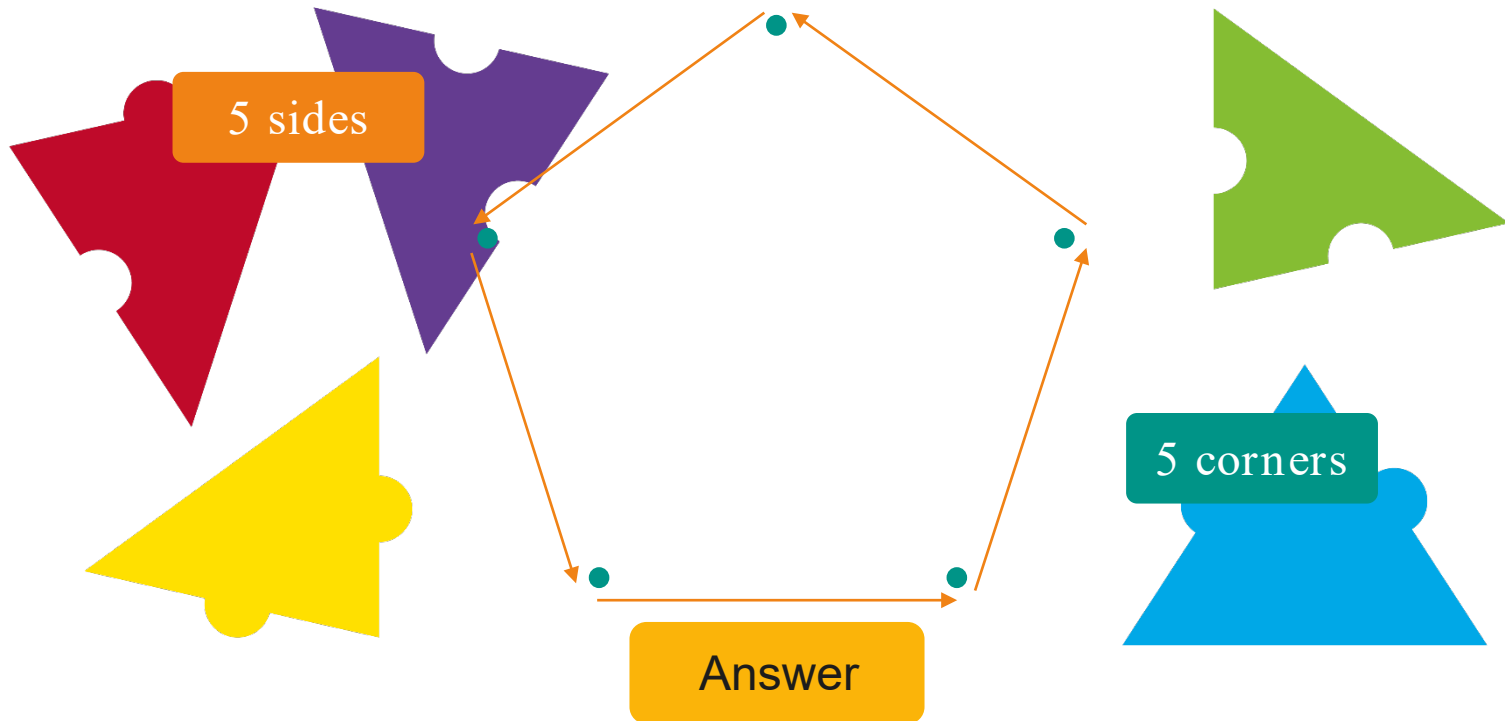
Answer

Puzzle Maker

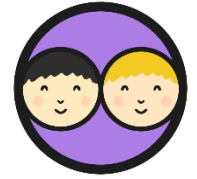


What shape will the puzzle make when the pieces are put back together?
How many sides and corners can you count?

Pentagon

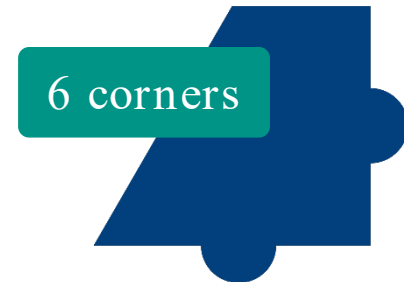
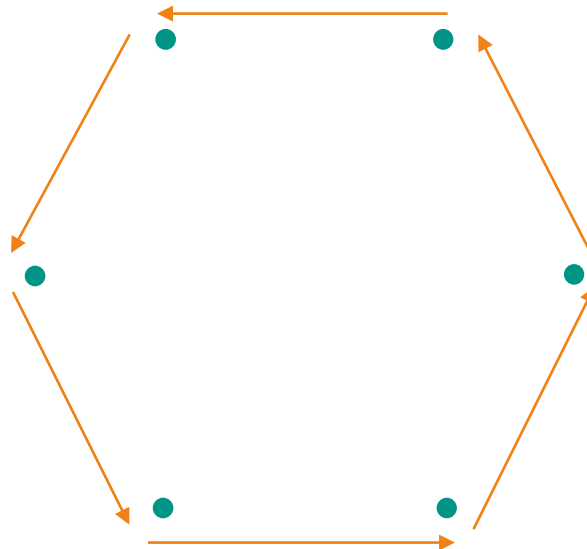


Puzzle Maker



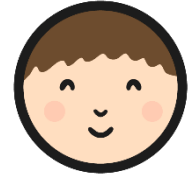
What shape will the puzzle make when the pieces are put back together?
How many sides and corners can you count?

Hexagon



Answer

Shape Jigsaws

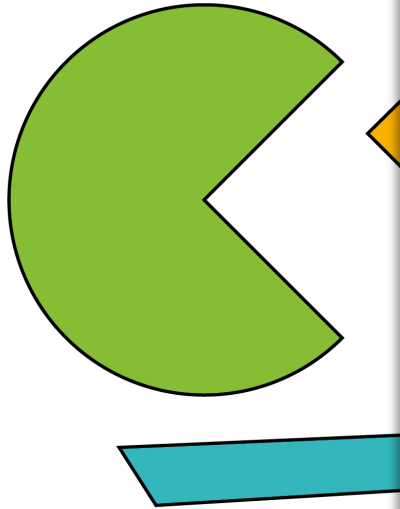


Shape Jigsaws

To recognise and name common 2D shapes.

Cut out the puzzle pieces and glue them together to make a triangle and square.

Can you name the shapes?

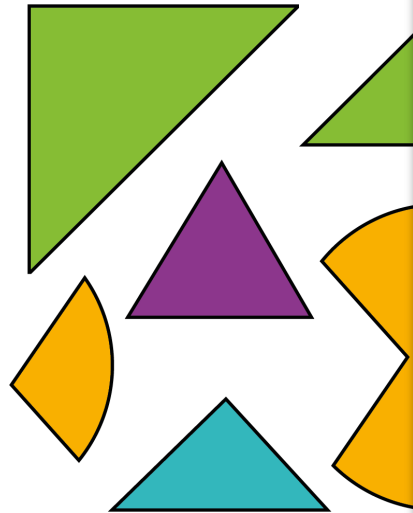


Shape Jigsaws

To recognise and name common 2D shapes.

Cut out the puzzle pieces and glue them together to make a triangle and square. Label the shapes by writing their names.

triangle square rectangle circle

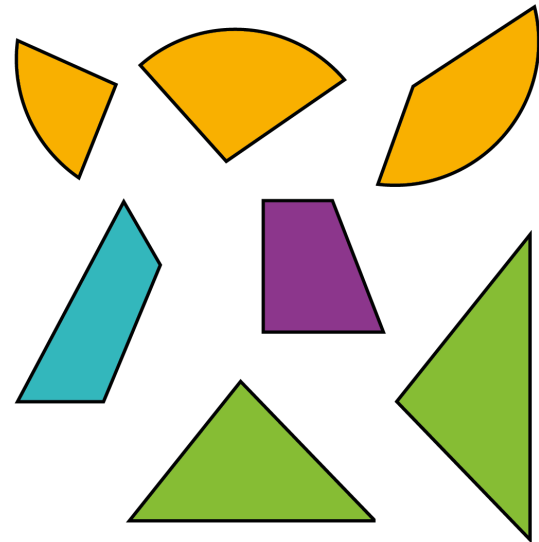


Shape Jigsaws

To recognise and name common 2D shapes.

Cut out the puzzle pieces and glue them together to make a circle, rectangle, triangle and square. Label the shapes by writing their names, how many sides and how many corners.

triangle square rectangle circle

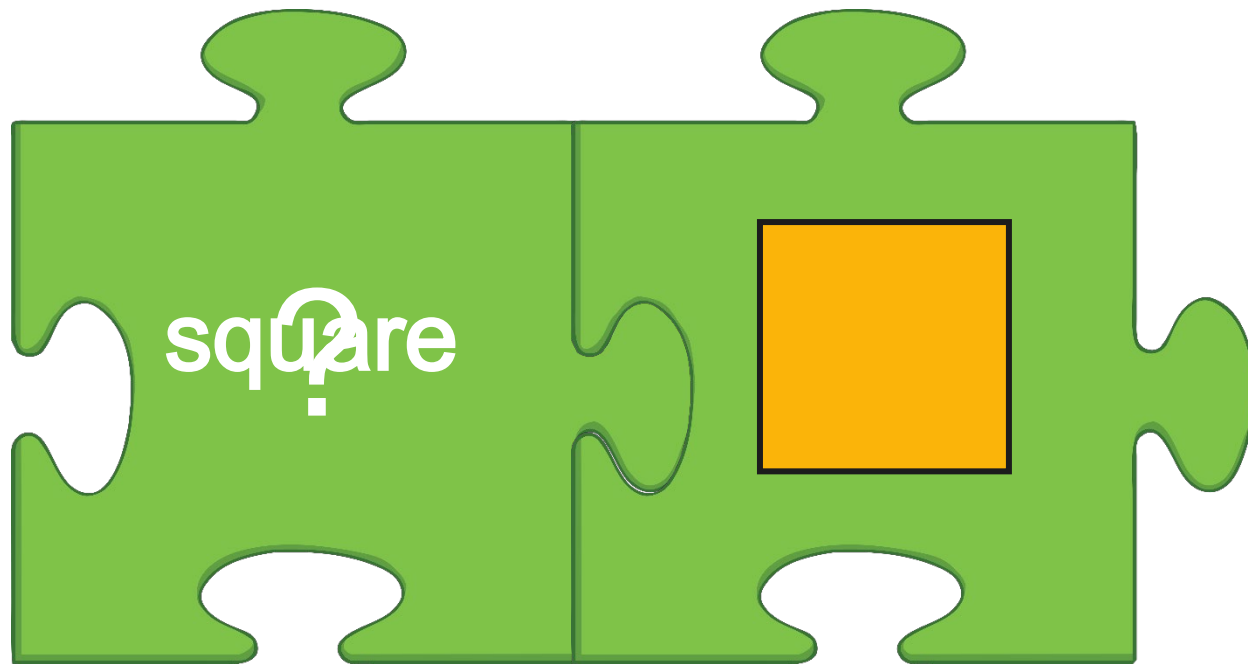


Jumble Jigsaw



Can you work out the missing name on the puzzle?

Click to see if you are correct!

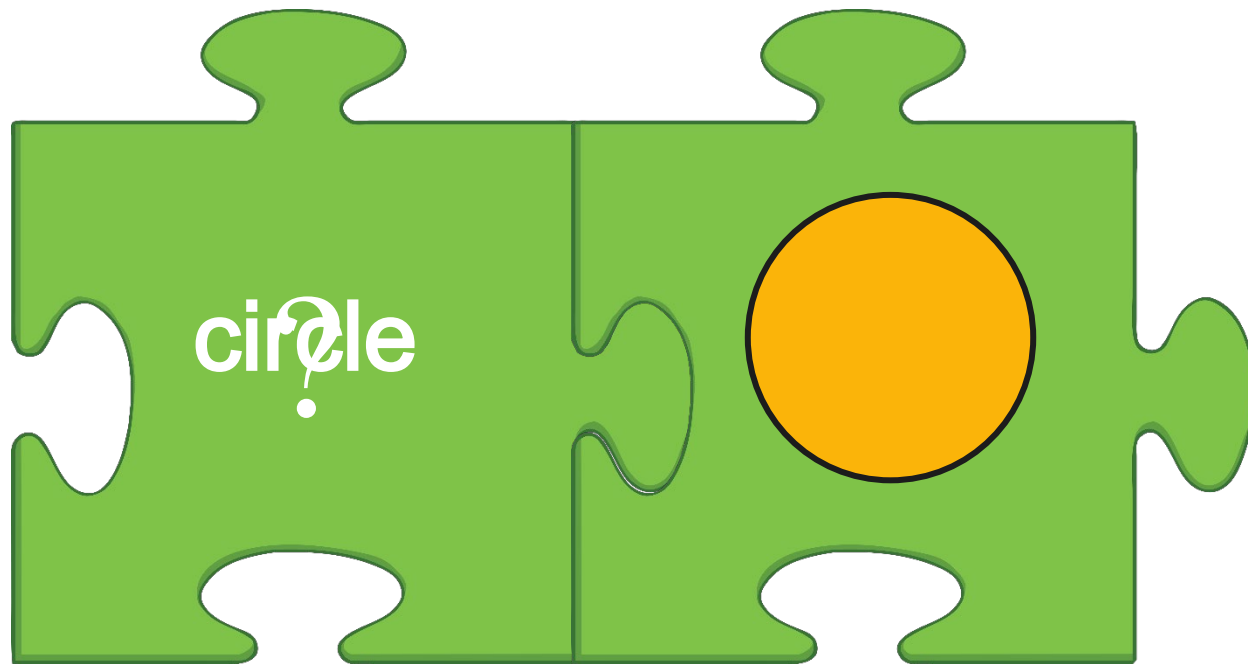


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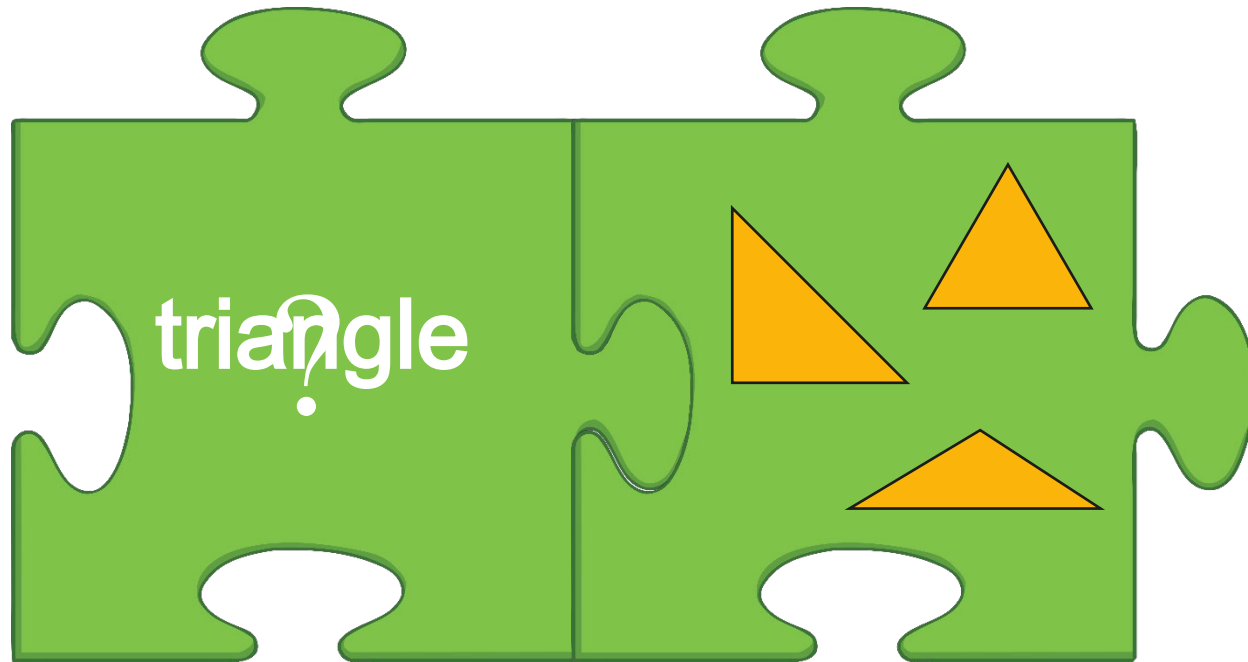


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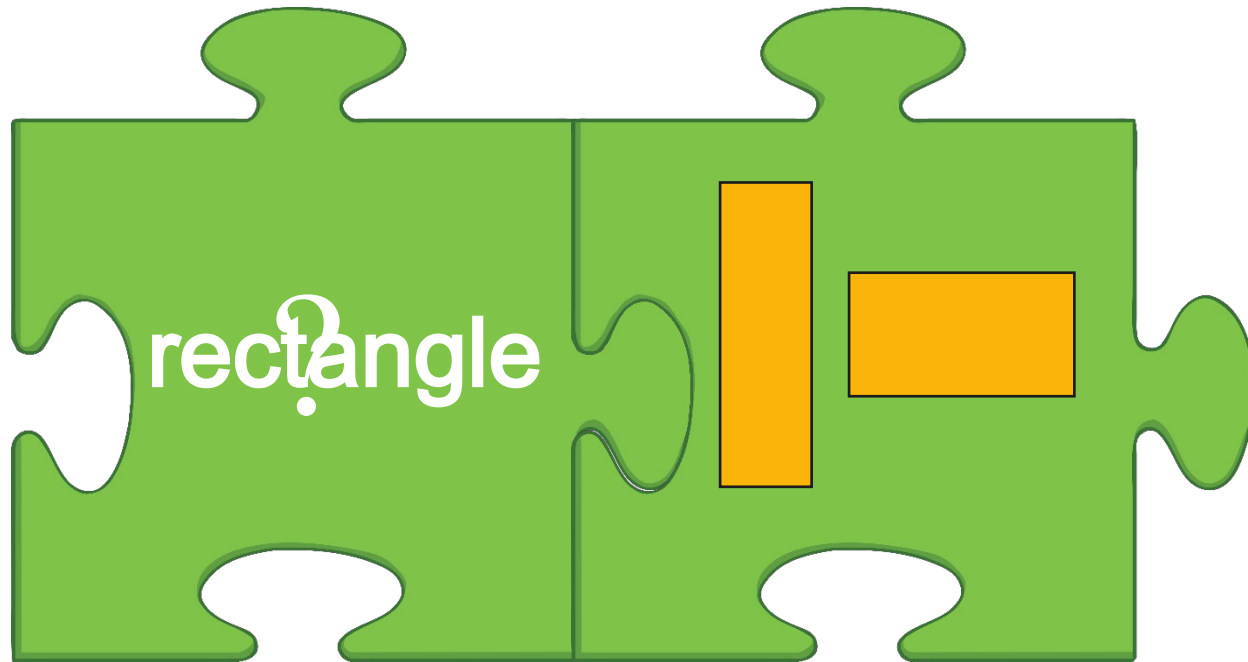


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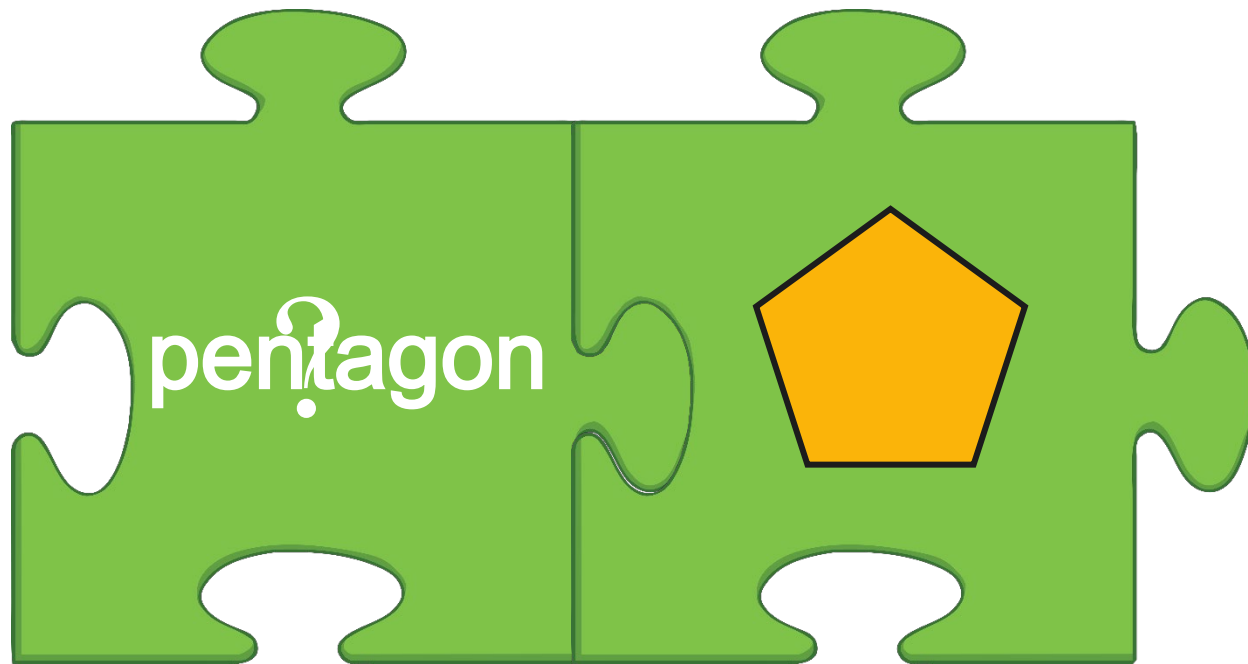


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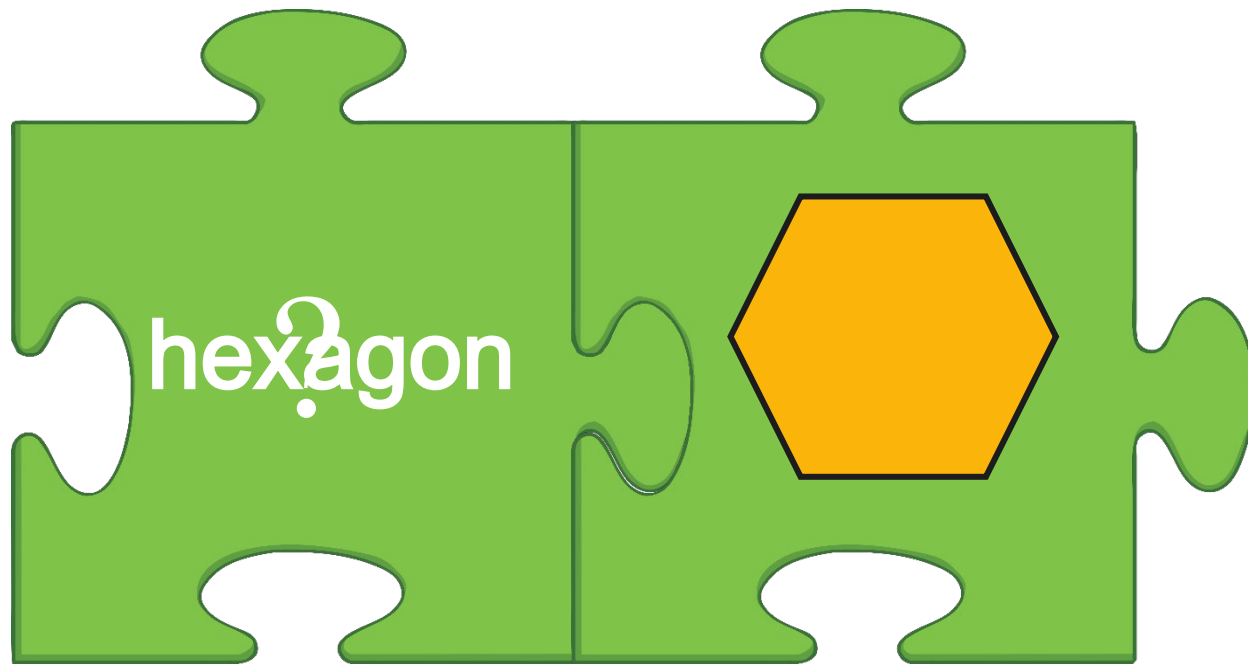


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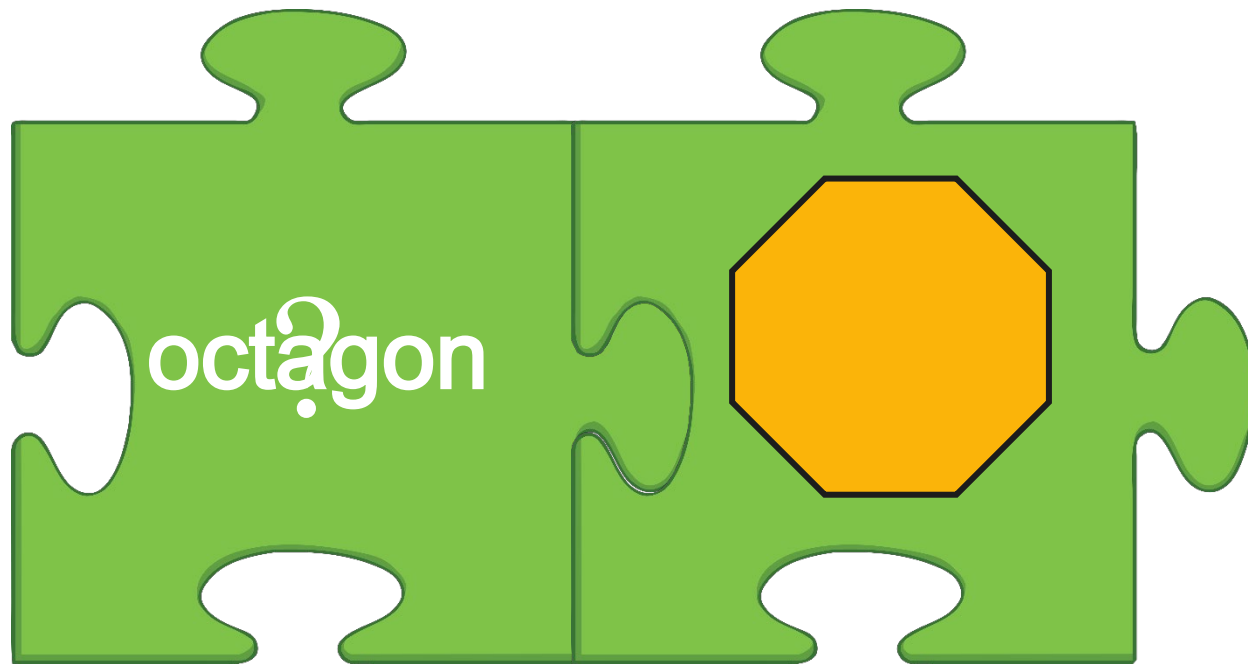


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Can you work out the missing name on the puzzle?

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Aim



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Success Criteria

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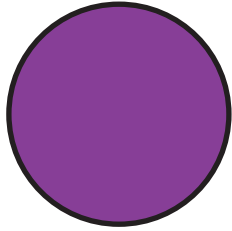
Aim: To recognise and name common 2D shapes.				Date:					
				Delivered By:			Support:		
Success Criteria	Me	Friend	Teacher	T	PPA	S	I	AL	GP
I know the names of some common 2D shapes.				Notes/Evidence					
I know what different 2D shapes look like.									
I can say what the name of a shape is from looking at it.									
Next Steps									
<ul style="list-style-type: none"> _____ _____ 									

T	Teacher	I	Independent
PPA	Planning, Preparation and Assessment	AL	Adult Led
S	Supply	GP	Guided Practice

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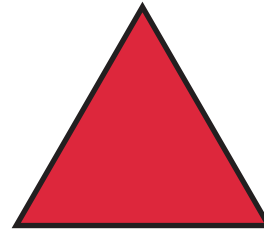
2D Shapes



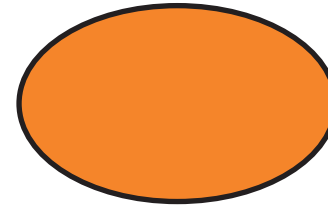
circle



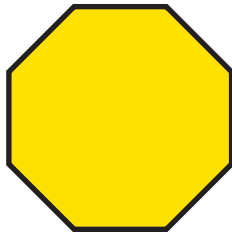
rectangle



triangle



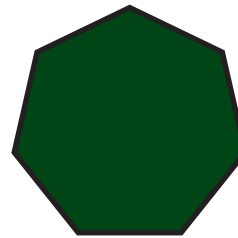
oval



octagon



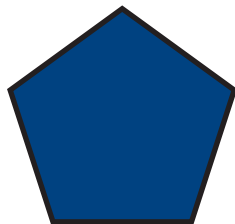
square



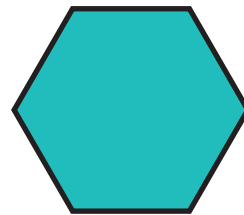
heptagon



rhombus



pentagon



hexagon



kite

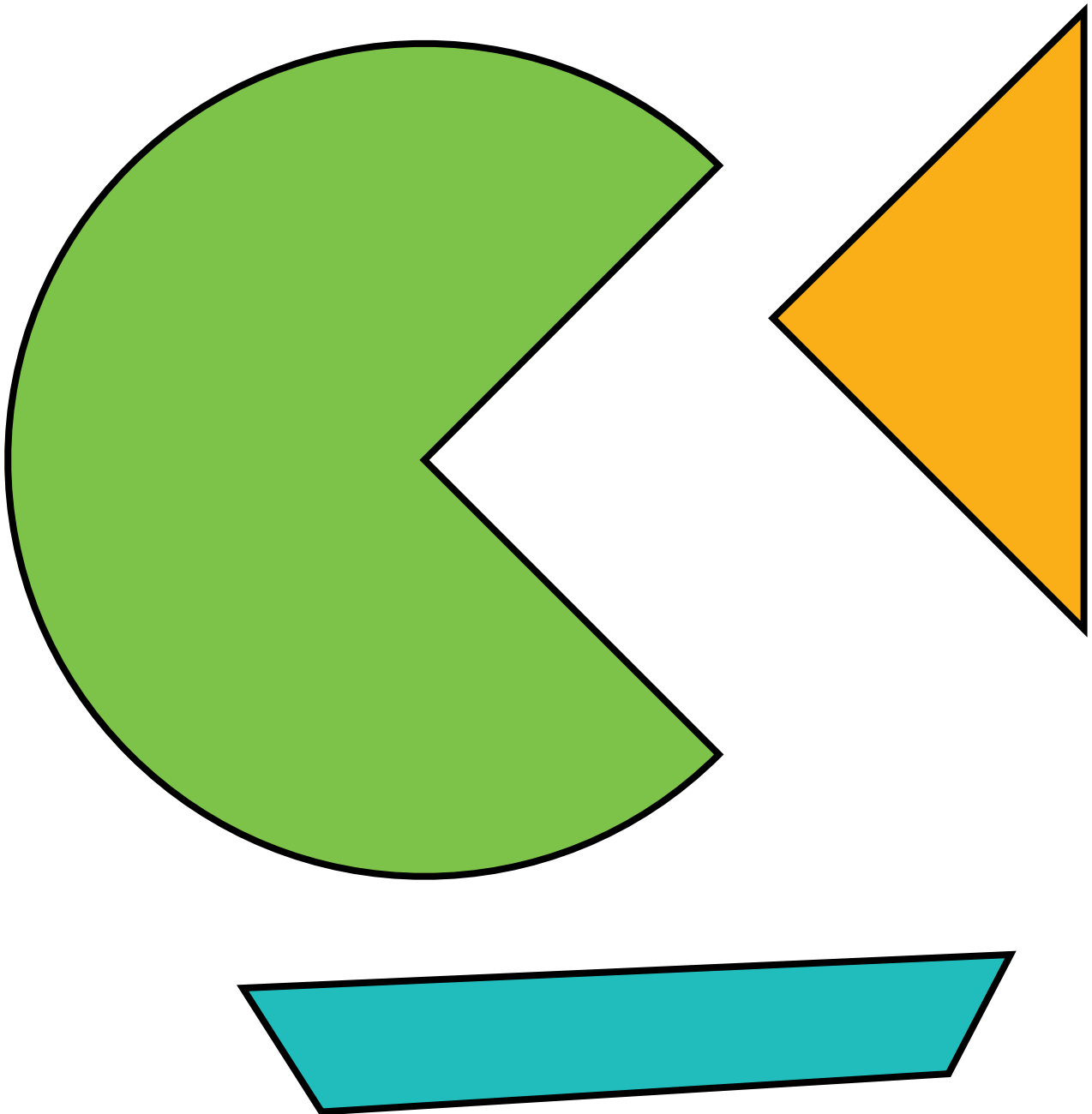
Shape Jigsaws

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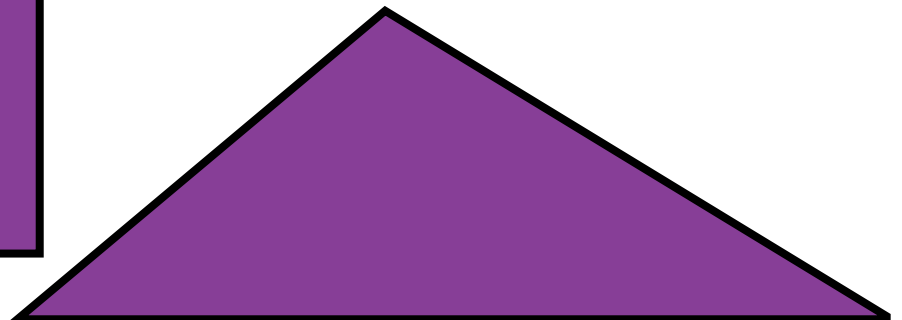
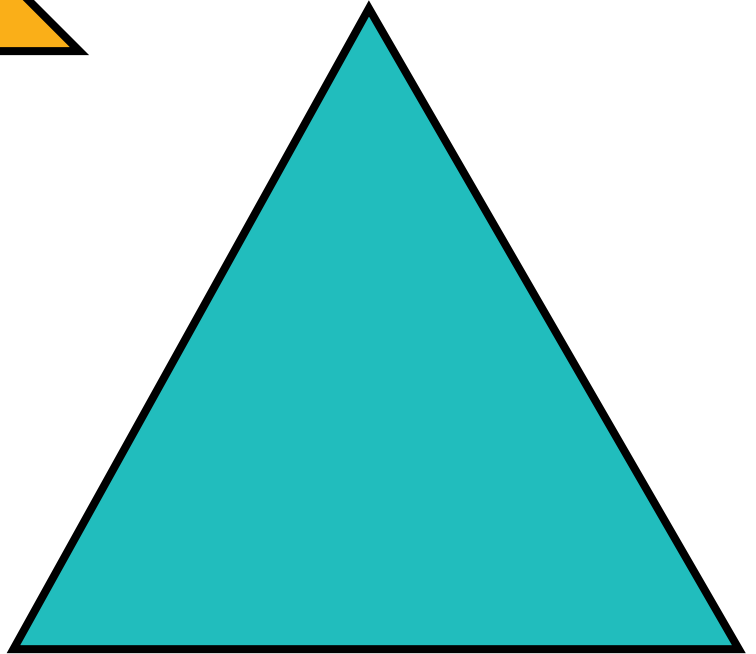
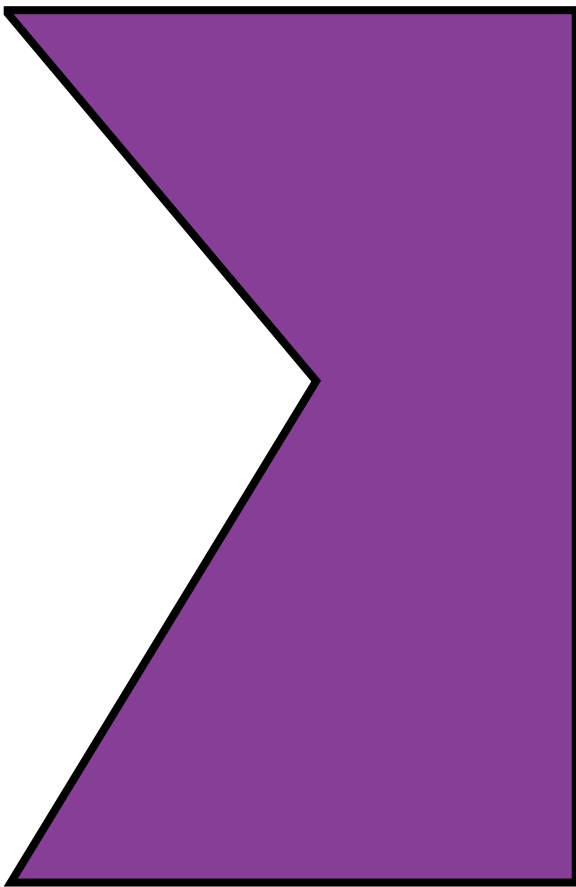
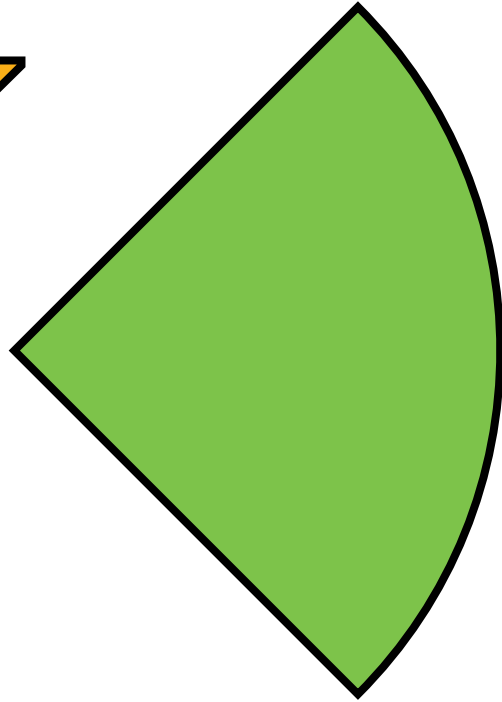
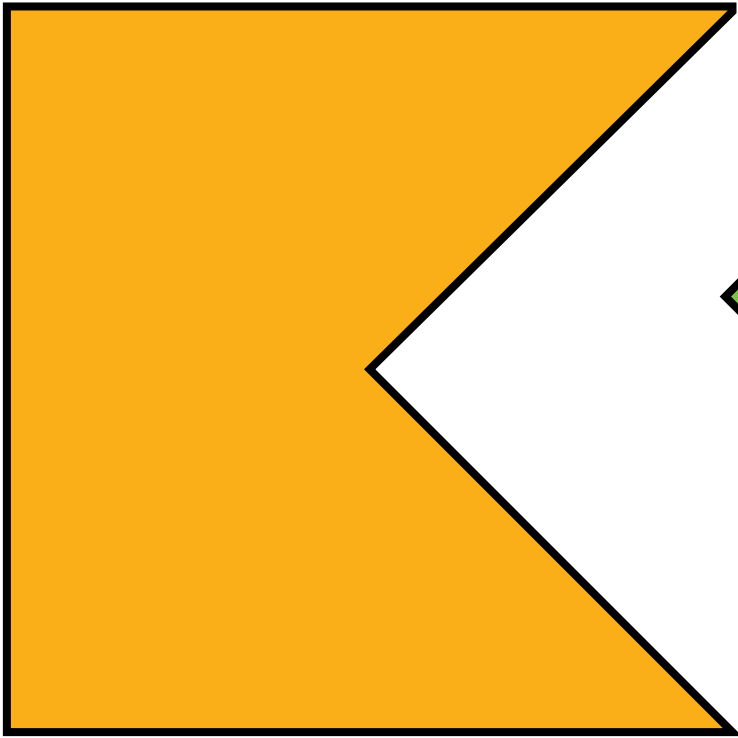


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Shape Jigsaws



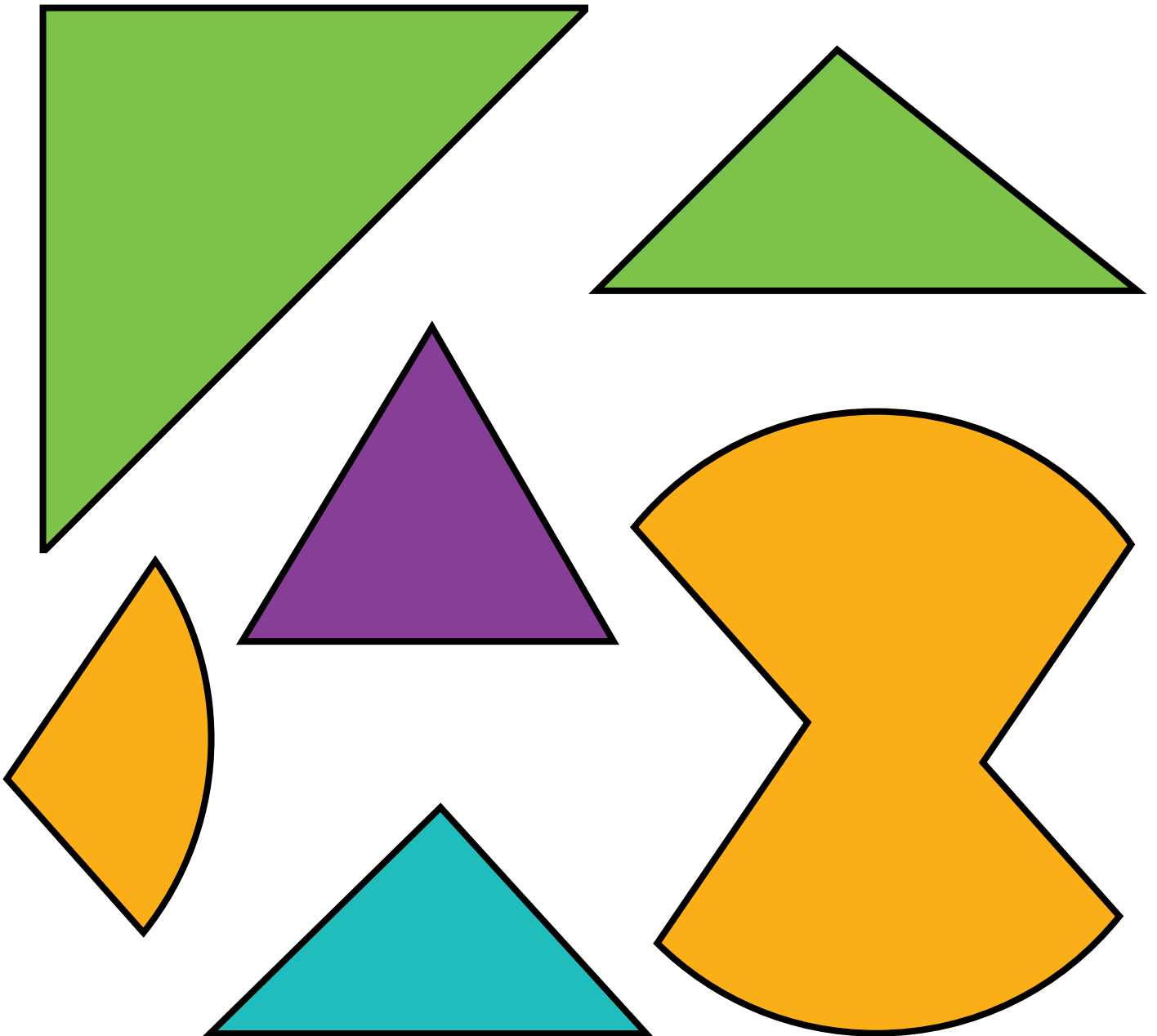
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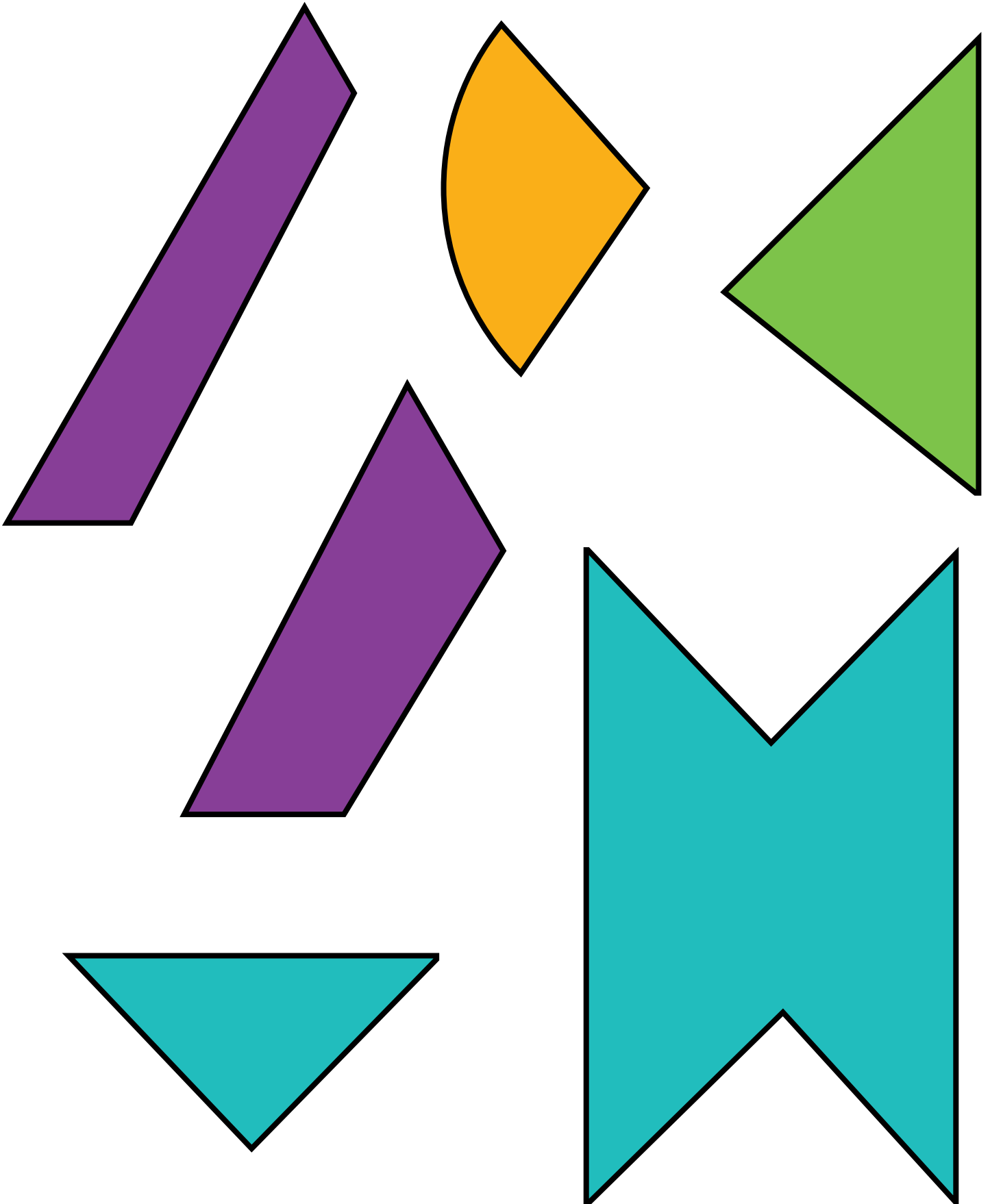


Cut out the puzzle pieces and glue them together to make a circle, rectangle, triangle and square. Label the shapes by writing their names.

triangle square rectangle circle



Shape Jigsaws



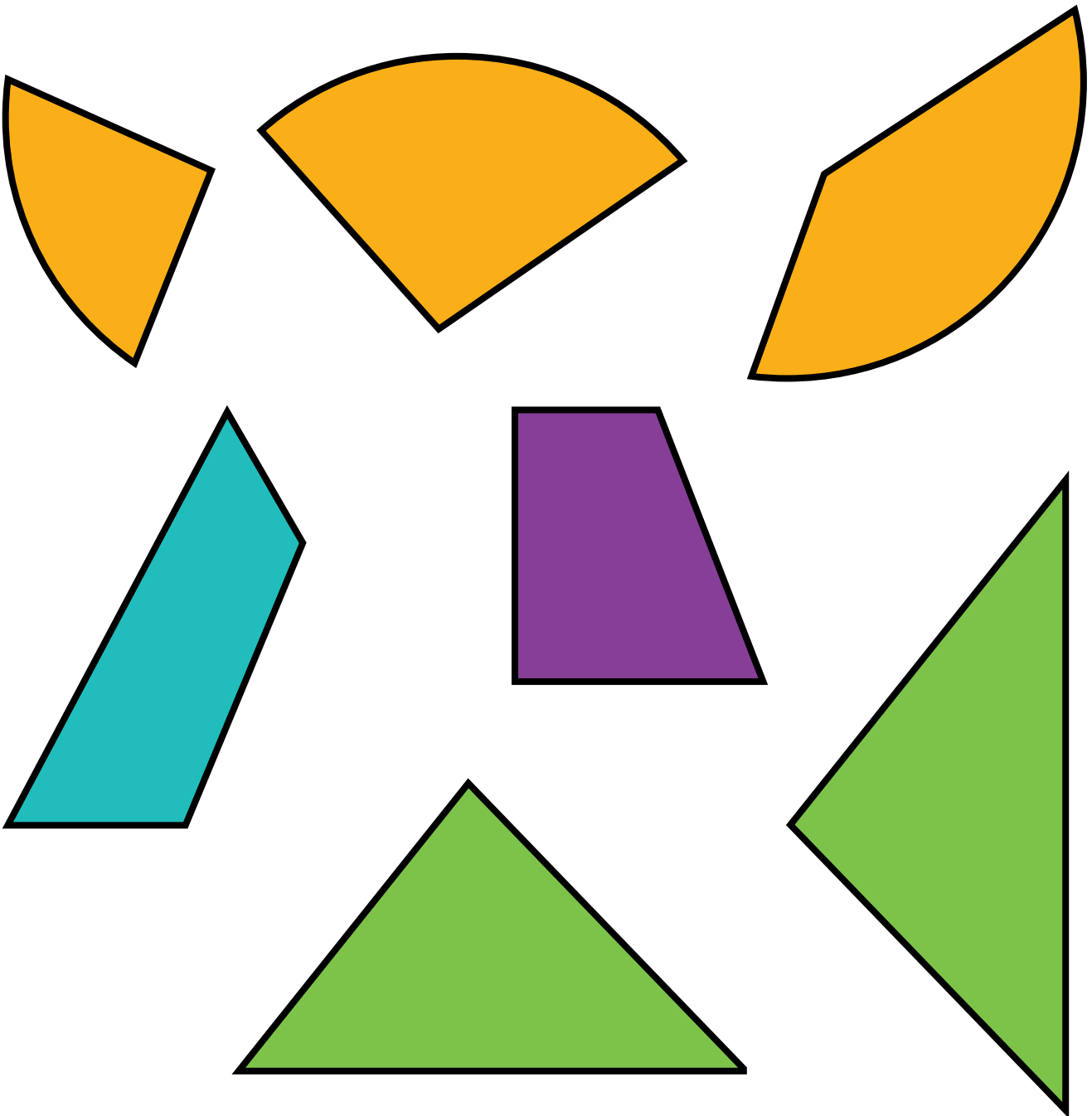
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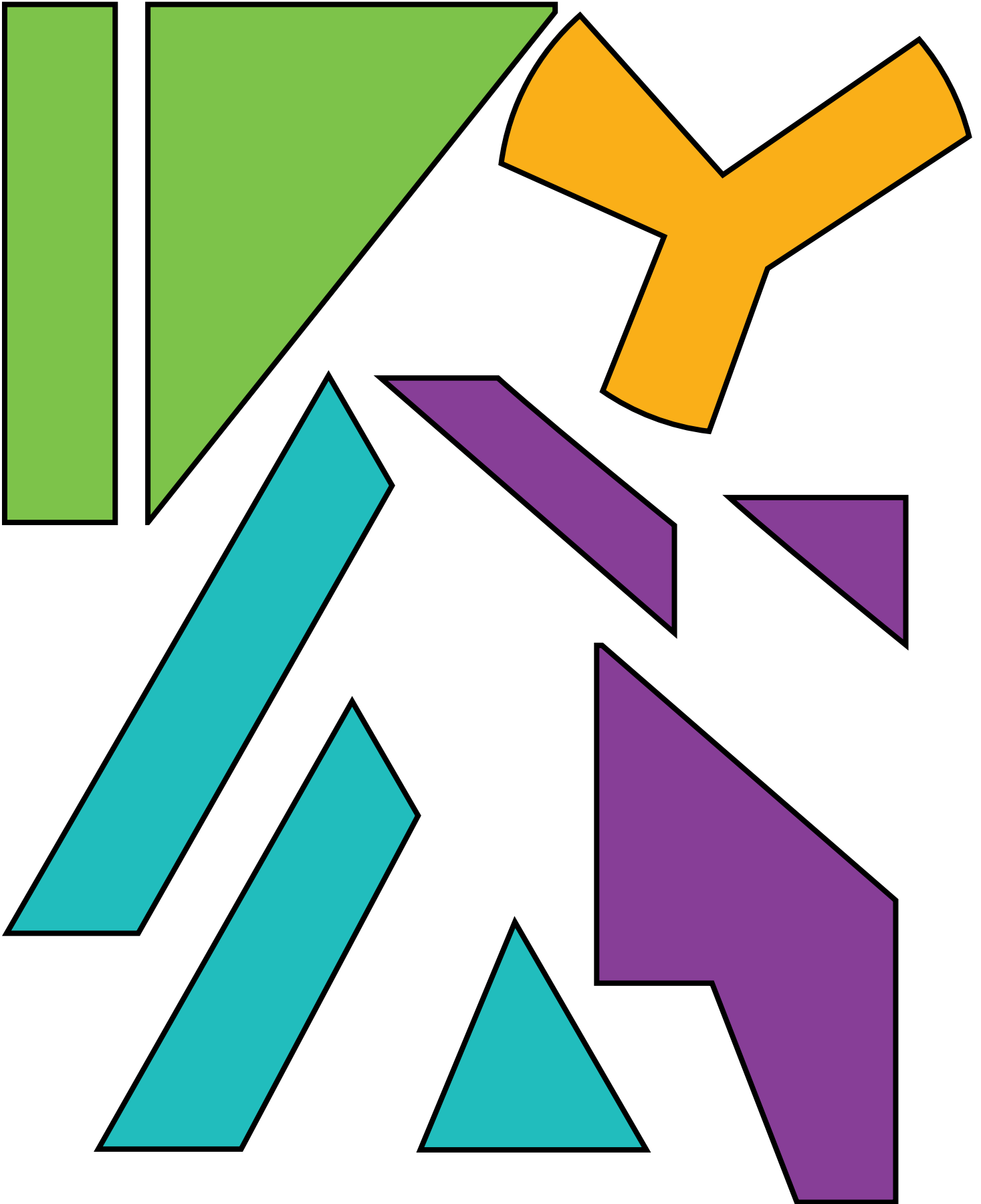


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Shape Jigsaws



Space | Shape Jigsaws

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