Maths – Friday 29th January

Retrieval practice:

Which shape is in the wrong set?
Explain why.

Vertical line of symmetry	No vertical line of symmetry

Retrieval practice:

Which shape is in the wrong set? Explain why.

Vertical line of symmetry	No vertical line of symmetry

The circle is in the wrong set because it does have a vertical line of symmetry.

WALT: Make patterns with 2D shapes

Varied Fluency 1

Tick the shape that will be next in the pattern.

Tick the shape that will be next in the pattern.

Which is the next shape in this pattern?

Draw the next shape in the pattern.

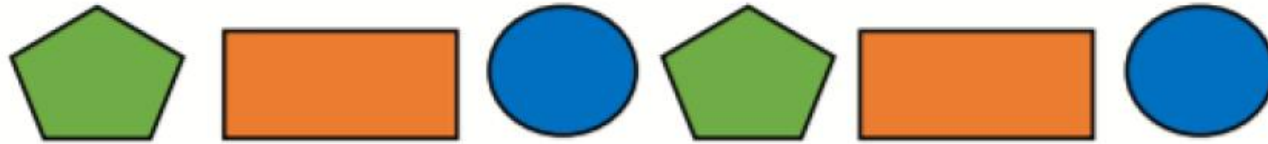## The next shape will be a triangle like this:

Continue this pattern:

Can you circle the set of shapes that repeat?

What is the next shape in the pattern? What is the 9th shape in the pattern?

Continue this pattern:

Can you circle the set of shapes that repeat?

What is the next shape in the pattern? What is the 9th shape in the pattern?

One to discuss

Dora says that the 12th shape in this pattern will be a triangle.

Is she correct?

How do you know?

One to discuss

Dora says that the 12th shape in this pattern will be a triangle.

Is she correct?

How do you know?

The 12th shape will be a triangle. Children may physically continue the pattern to find the answer or recognise that the triangle is the 3rd and count in 3s.
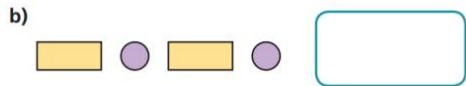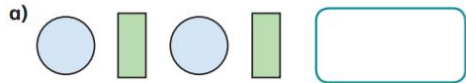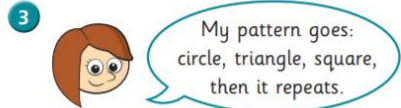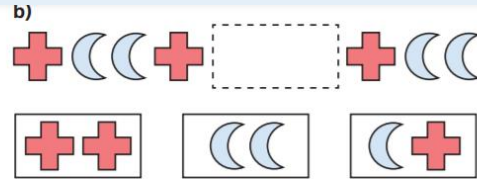
Your task today

Make patterns with 2D shapes

1 Draw the next two shapes in each pattern.

a)

b)

c)

2 Tick the shapes that fit in each pattern.

a)

b)

3 My pattern goes: circle, triangle, square, then it repeats.

a) Draw the first 9 shapes in Rosie's pattern.

b) What is the name of the 10th shape in the pattern?

c) What is the name of the shape to the right of the 5th shape?

4 Mo makes a pattern using 4 rectangles, 4 triangles and 4 circles.

What could Mo's pattern be?

Draw two different possibilities.

5 Draw the 10th shape for each pattern.

a)

b)

6 Write your own repeating pattern of shapes.

For example: circle, rectangle, rectangle, circle, rectangle, rectangle …

_____, _____, _____, _____,
_____, _____, _____, _____,

Swap with a partner and draw each other's patterns.

7 Draw a shape in each box to make a repeating pattern.
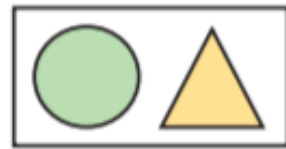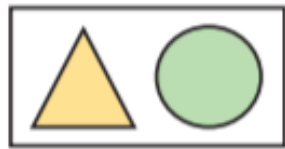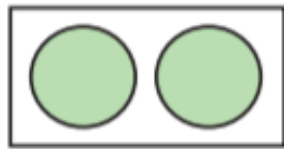
You may want to practise on a whiteboard.
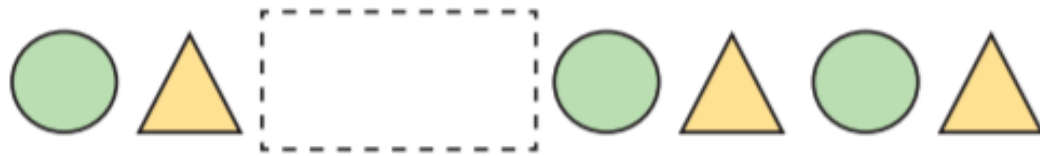
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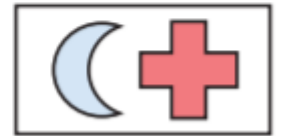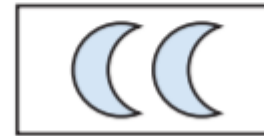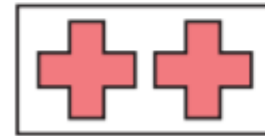
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3

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