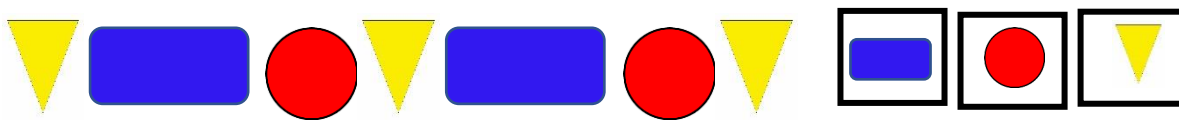


Learning Objective To order and sequence mathematical objects.	
Success Criteria	Self Assessment
<ul style="list-style-type: none"> I can identify the pattern of a sequence of shape. 	
<ul style="list-style-type: none"> I can solve problems involving sequencing mathematical shapes. 	
<ul style="list-style-type: none"> I can explain why an answer is correct/incorrect. 	

Fluency

What are the next three shapes?



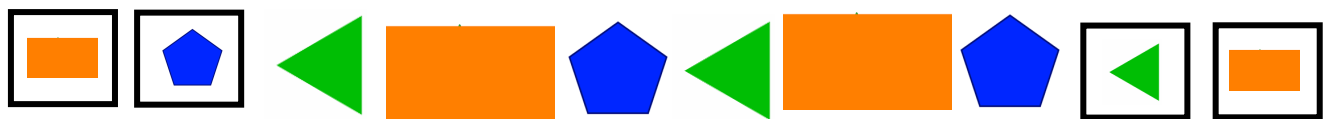
What are the next four shapes?



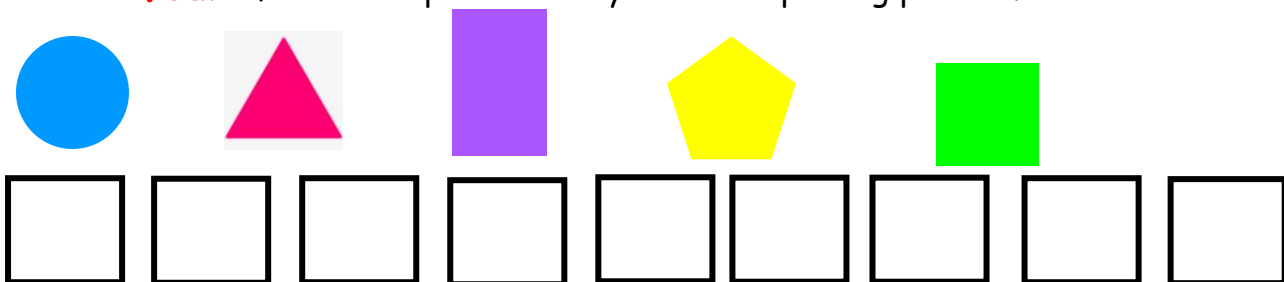
What are the first three shapes?



What are the missing shapes?



Now use **four** of these shapes to draw your own repeating pattern.



Problem Solving

Mrs Lee and Miss Strophair are talking about the following pattern:

The **fourth** shape is a **pink rectangle**. The **second** shape is a **blue triangle**.

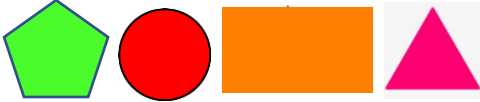
The **first** shape is a **green square**. The **third** shape is an orange **circle**.

Draw the pattern. What will the **seventh** shape be?



Mrs Hendry says that her pattern is made up of shapes with **less than 3 vertices**.

Is she correct?



Explain how you know.

No, she is incorrect as  (pentagon) and  (rectangle) have more than 3 vertices.

Reasoning

Miss Somers and Mrs Wakes are talking about the following pattern:



I think the eleventh shape is a hexagon.

I think the eleventh shape is a circle.



Who is correct? Explain how you know.

