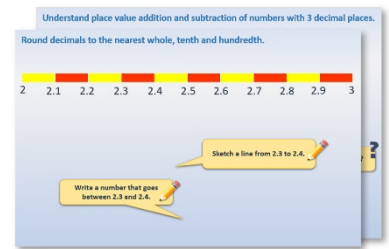


Week 7, Day 5

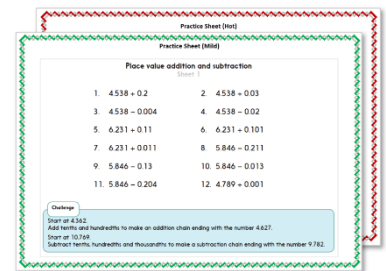
Shape patterns

Each day covers one maths topic. It should take you about 1 hour or just a little more.

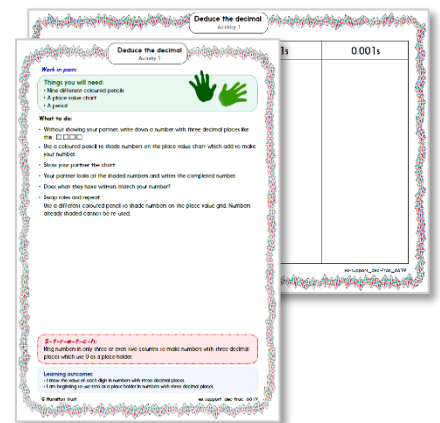
1. Start by reading through the **Learning Reminders**. They come from our *PowerPoint* slides.



2. Tackle the questions on the **Practice Sheet**. There might be a choice of either **Mild** (easier) or **Hot** (harder)! Check the answers.



3. Finding it tricky? That's OK... have a go with a grown-up at **A Bit Stuck?**



4. Think you've cracked it? Whizzed through the Practice Sheets? Have a go at the **Investigation**...

Learning Reminders

Name and describe squares, rectangles, circles and triangles.

Which shape is being described?

This shape has 3 straight sides and 3 corners.

This shape has 4 sides the same length and 4 corners.

This shape has 1 curved side and no corners.

Learning Reminders

Continue a shape pattern.



Which shape comes next in each pattern?

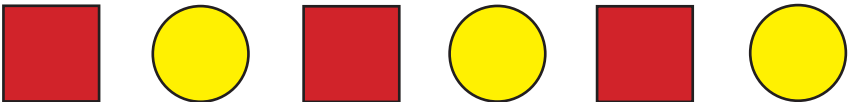




Turn the page upside down to find answers!

Continue a shape pattern.

Practice Sheet Mild

Shape and data practice

Draw the next two shapes in each pattern.

- 
.....
- 
.....
- 
.....
- 
.....
- 
.....

Challenge


Now make up your own pattern.


.....
.....

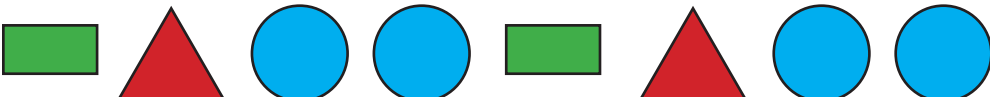
Practice Sheet Hot

Shape and data practice

Look at the patterns and say the shapes, then continue the pattern by drawing in the shapes.

1. 

2. 

3. 

4. 

5. 

Challenge

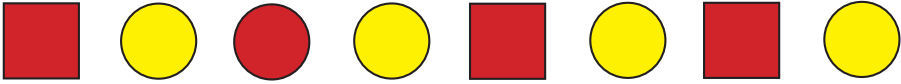



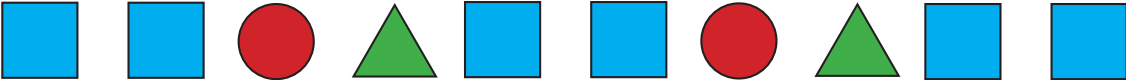
Now create your own repeating shape patterns.

.....

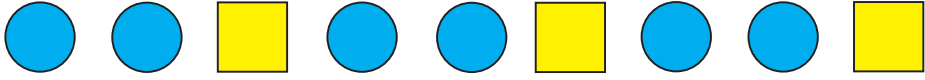

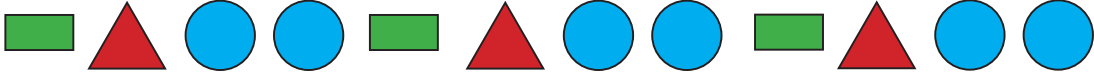
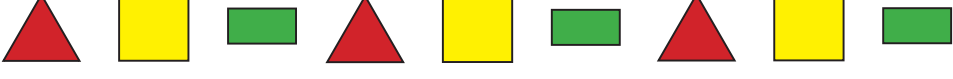

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Practice Sheet Answers

Shape and data practice (Mild)

1. 
2. 
3. 
4. 
5. 

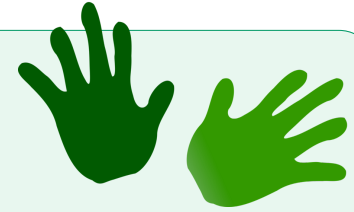
Shape and data practice (Hot)

1. 
2. 
3. 
4. 
5. 

A Bit Stuck? Shape snakes

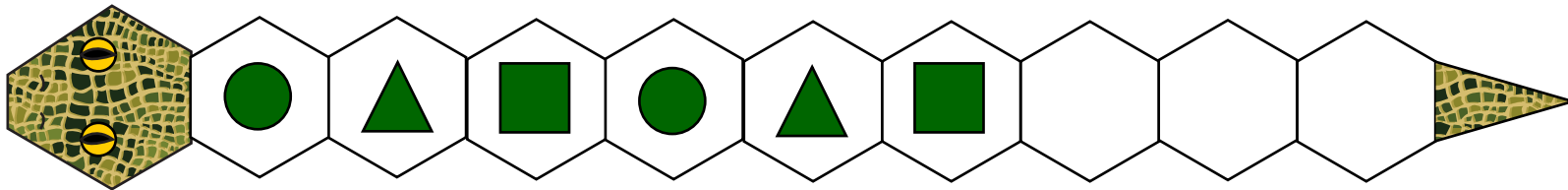
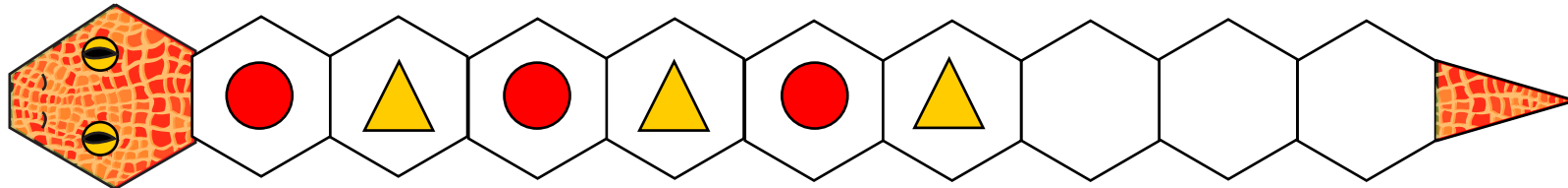
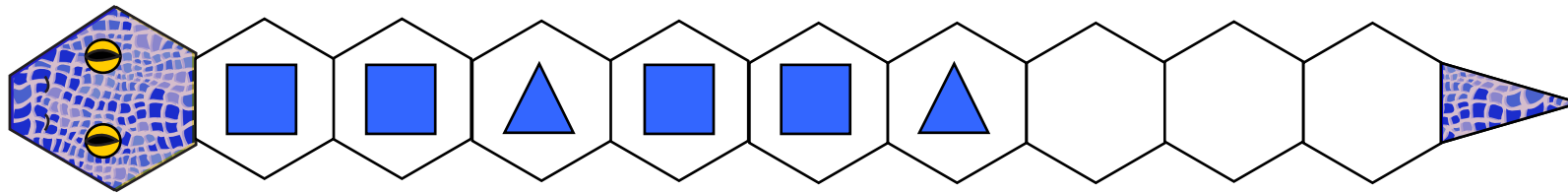
Things you will need:

- A pencil
- Coloured pencils or crayons



What to do:

- Draw the next three shapes in each pattern. Colour them to match the pattern.



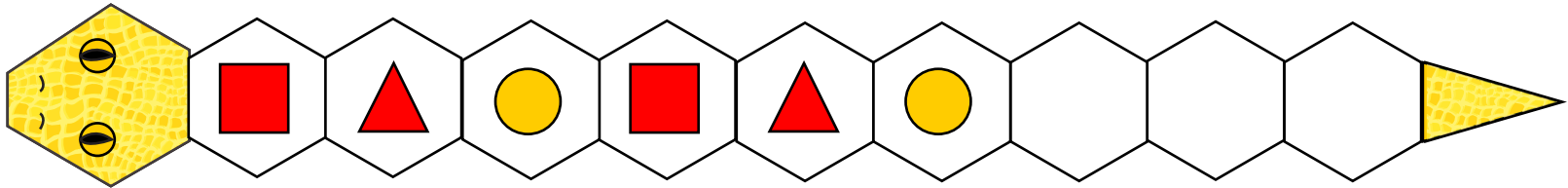
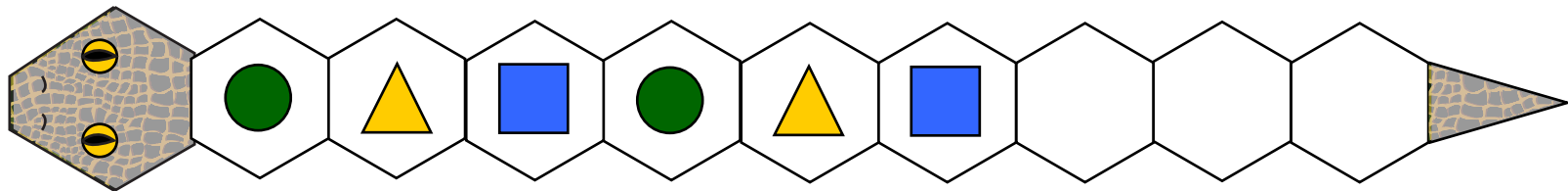
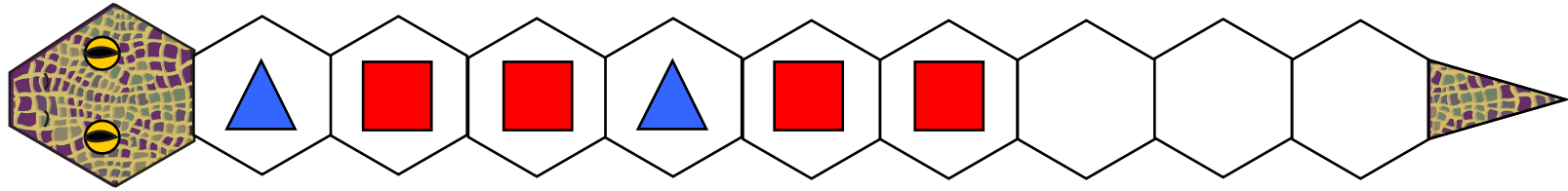
S-t-r-e-t-c-h:

Print your own shape snake pattern.

Learning outcomes:

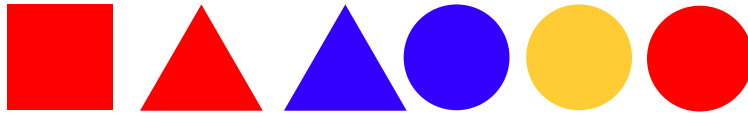
- I can carry on a repeating pattern.
- I am beginning to make up my own repeating patterns.

A Bit Stuck?
Shape snakes



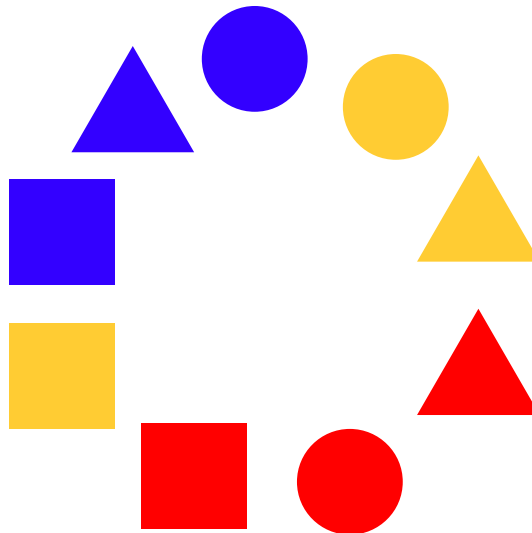
Investigation Shape wheels

1. Look at the sequence of shapes:



Only the shape OR colour changes as we add another shape.
What shape could come next?

2. Create a sequence like this where the next shape in the sequence changes only in colour OR shape, not both.
3. Create a new sequence BUT this time your sequence must be a wheel shape so that the last of the nine shapes is followed by the first shape in the sequence! Like this:



Challenge

Can you make a shape wheel which uses all nine shapes?
Can you create a different shape wheel?

Investigation

Shape wheels

