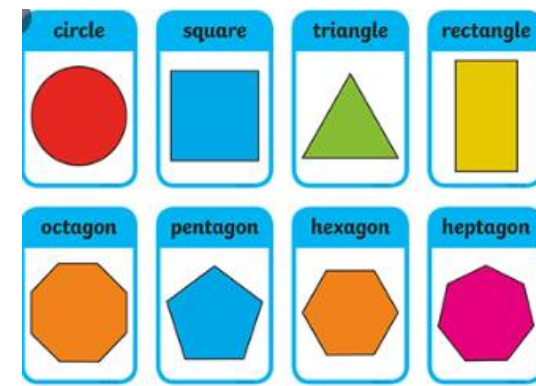




Lesson 23

LO: To sort 2D shapes

Success Criteria:

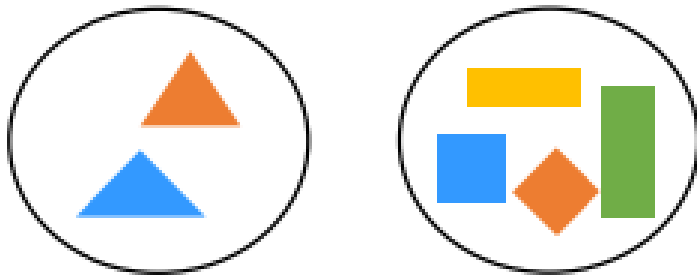


1. Look at the image of the 2D shape
2. Think about what is different and what they have in common
3. Group together the shapes that have features in common (e.g. number of sides, vertices)

Today you will be sorting shapes.

Model:

How have these shapes been sorted?

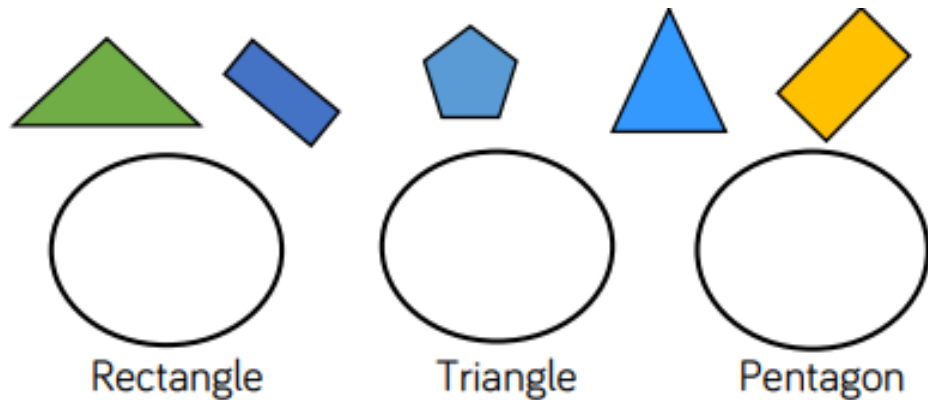


Answer: They have been sorted by their **number of sides and number of vertices** (corners).

The triangles all have 3 sides and vertices.

The squares and rectangles all have 4 sides and vertices.

Task 1: Sort these 2-D shapes into the correct group



Task 2: Use the shape pictures at the top of the page or use the objects from your 2D shape hunt.

Which shapes could belong to each group?

4 sides	Not 4 sides


Lesson 23


LO: To recognise and describe 2D shapes

Success Criteria:

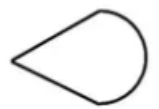
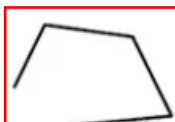
1. Read the sorting criteria (headings of the Venn diagram) carefully
2. Look at the images of the 2D shapes
3. Put shapes which are true of **both** criteria in the **middle**, put shapes which are not true of any **outside** the circles

Word Bank:

Regular shape – the shape has all sides the same length and all angles the same size e.g. square 

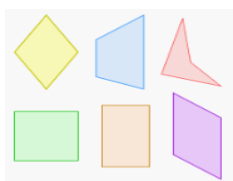
Irregular shape – the shape has different length sides and/or different sized angles e.g. irregular pentagon 

Polygon – a straight sided enclosed shape e.g.



Quadrilateral – a four sided shape

e.g.



Model:

Draw a shape which could represent each letter in the Venn diagram:

A could be



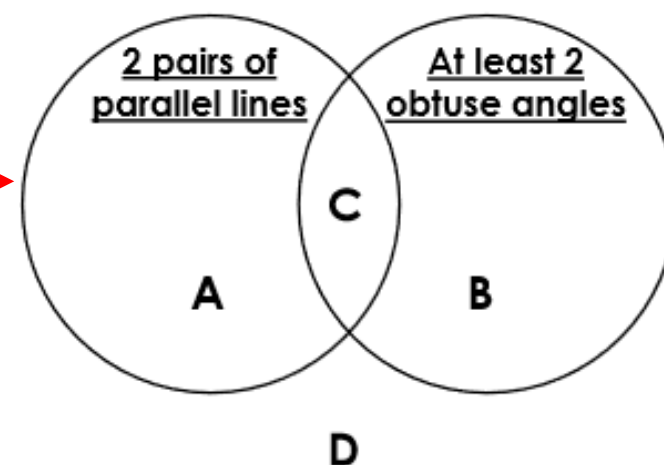
B could be



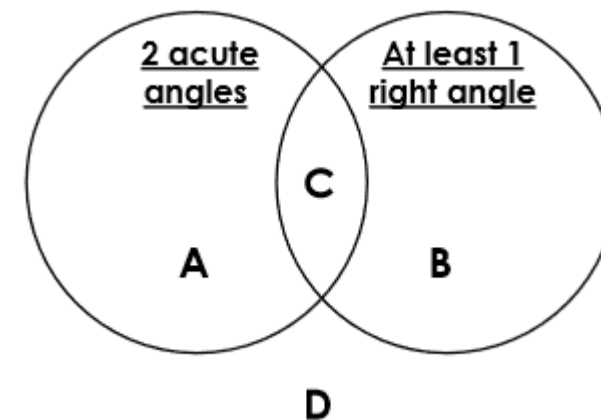
C could be a parallelogram,



D could be a right-angled triangle



Now you try: Draw a shape which could represent each letter in the Venn diagram:



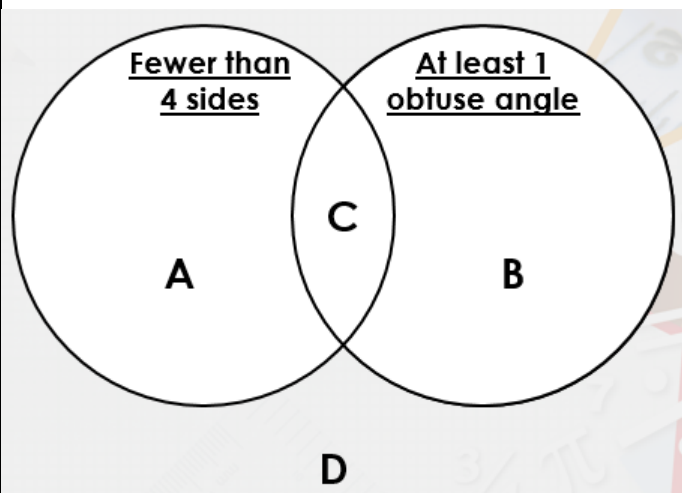
Canonbury Home Learning
Year 3 Maths - Main activity

Complete at least 2 columns, more if you can!

Task 1

Practice

Draw a shape which could represent each letter in the Venn diagram below:



A could be:

B could be:

C could be:

D could be:

Task 2

Practice

Draw at least one shape in each section of the diagram:

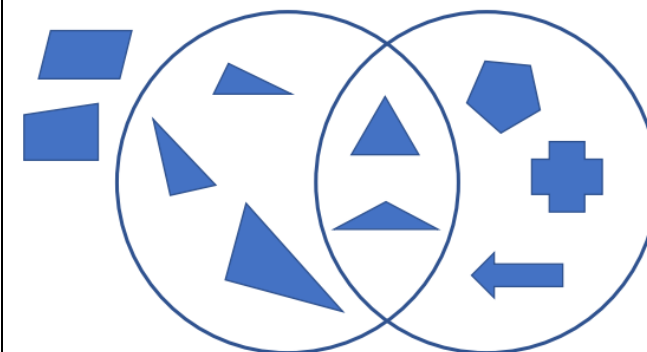
	At least one right angle	No right angles
4 sided		
Not 4 sided		

Reminder: e.g. shapes which are 4 sided **and** have at least one right angle go here.

Task 3

Reasoning

How have the shapes been sorted?



Think of another way you could sort this set of shapes.

Always, sometimes, never?

Quadrilaterals do not have acute angles.

Explain your answer and draw shapes to prove it.

Remember to use a ruler.