

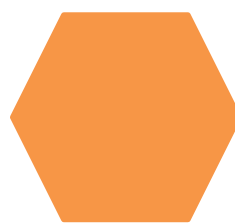
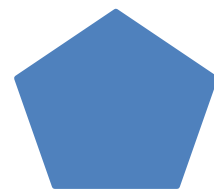
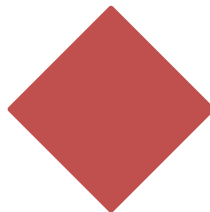
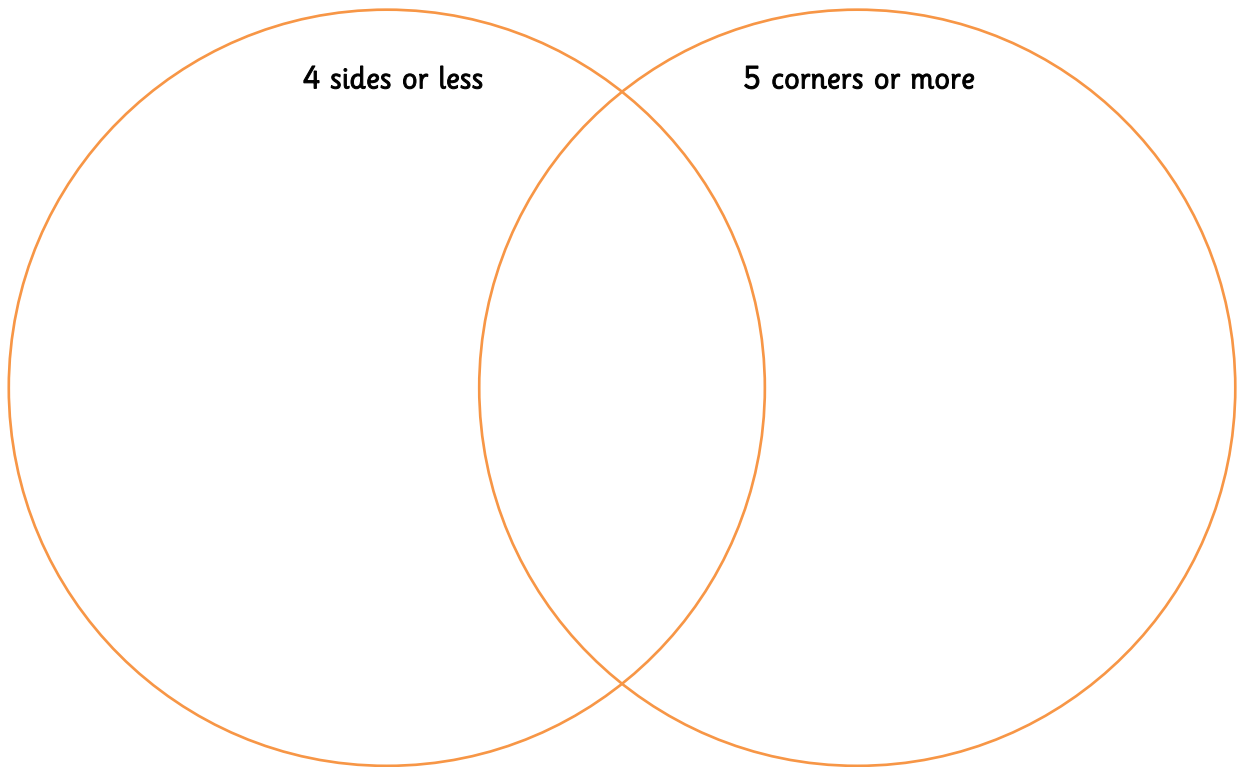
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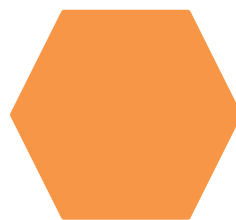
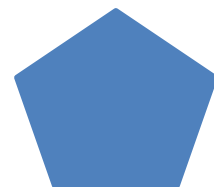
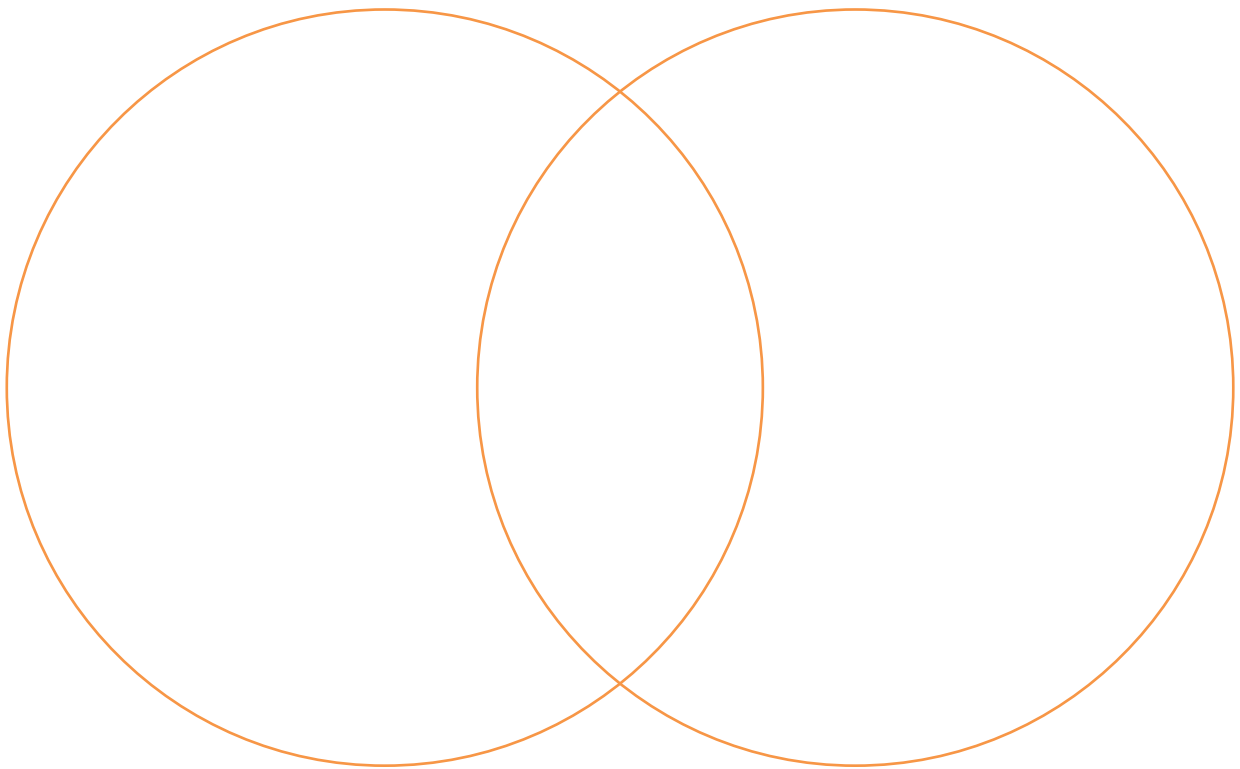
Activity for group A

Sort the shapes according to the criteria on the Venn diagrams. Draw in, or cut out and stick in, the shapes into the correct place on the diagram.

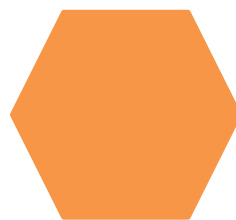
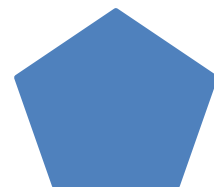
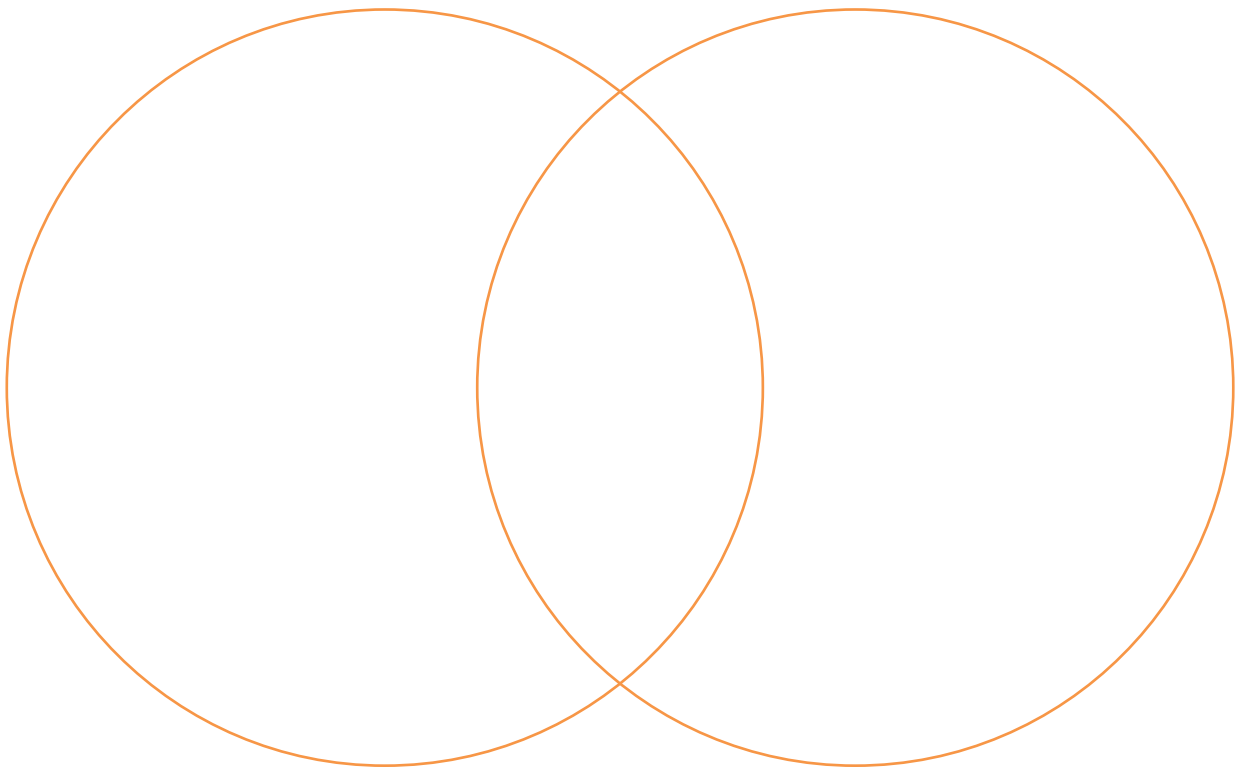
1.



2.



3.



Activity for group B

Draw a Venn diagram and label each circle with the properties that you are looking for in each example below. Then draw in, or cut out and stick in, the shapes that match the criteria that you are looking for.

1st Venn diagram

Less than five sides
Has a right angle



2nd Venn diagram

Has three sides
Has a right angle



3rd Venn diagram

Has four or more corners
Has a right angle



Activity for group C

Teaching notes

Print and cut out the following criteria and provide children with two criteria to sort their shapes. Provide hoops and shapes for the children to produce their own Venn diagrams.

Has a right angle

Has four sides

Has five sides or less

Has four corners

All have equal sides

Has no corners



Extension activity

Properties of shapes

Use the following instructions to draw shapes using Scratch . Try out some other shapes. Remember, in order to work out the angle that Scratch has to turn, divide 360 degrees by how many sides the shape has.

Square – four sides of 100 steps, four right angles

Pentagon – five sides of 30 steps, five angles of 72 degrees

Hexagon – six sides of 45 steps, six angles of 60 degrees

Octagon – eight sides of 60 steps, eight angles of 45 degrees

