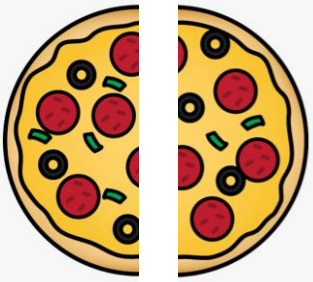
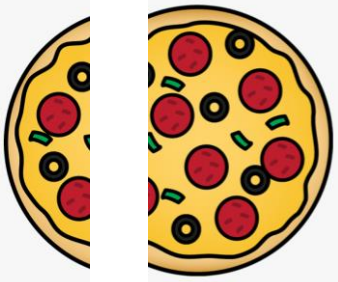
IAL: to recognise, find and name a half as 1 or 2 equal parts of a shape.

We are going to look at **a half** of a shape. Look at the two pizzas below. They are a circle shape. One pizza has been split into equal halves. Equal means that they are the **same**. Click on this video link to support your learning.
https://www.bbc.co.uk/bitesize/topics/z3rbg82/articles/zq2yfrd



This pizza has been split into two equal parts.

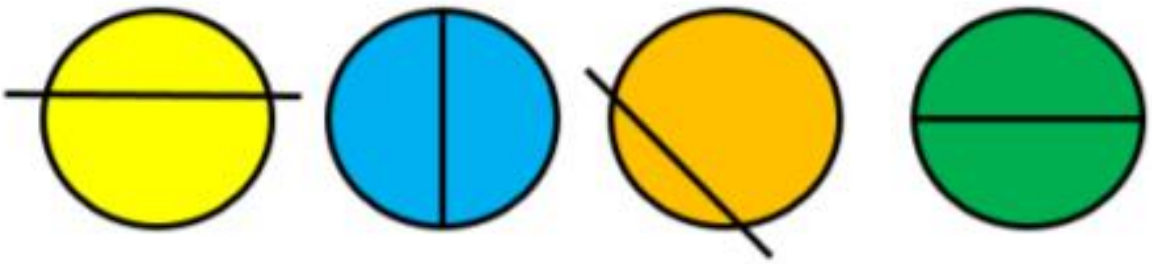


This pizza has not been split into equal parts because one part is bigger than the other.

Choose A, B or C and complete the activity. If you would like to complete more than one activity, you can.

A

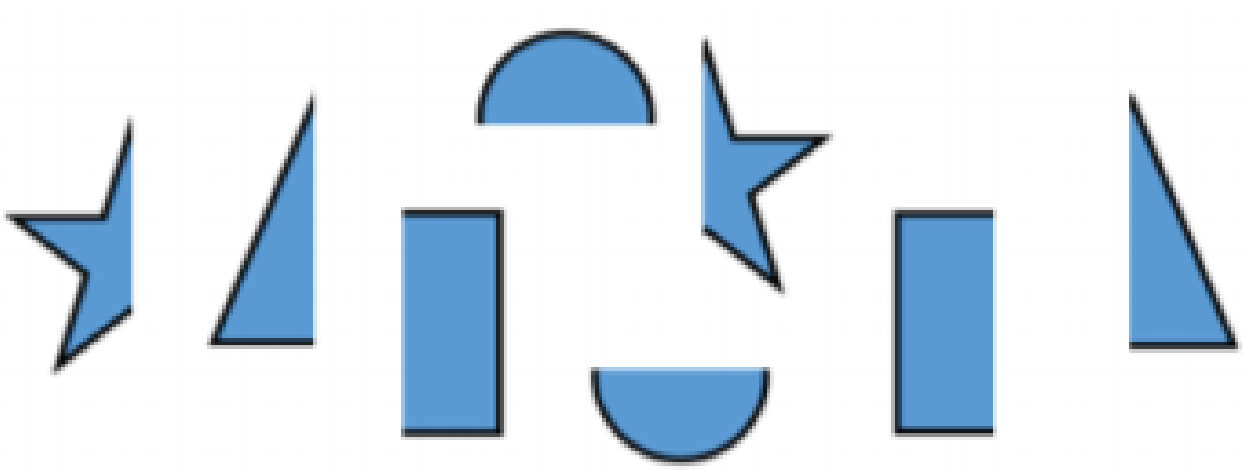
Which circles have been split into equal halves?



How do you know?

B

Draw a line to match the halves below to make 4 complete shapes. Have a go at drawing out these shapes then halving them equally.



C

Complete activity A first. Use the rectangles at the bottom to find three more ways they can be split into equal halves.

Eva and Jack are both attempting to split a rectangle in half.

Eva

Jack thinks he can find three more ways.

Jack

Find Jack's three examples.

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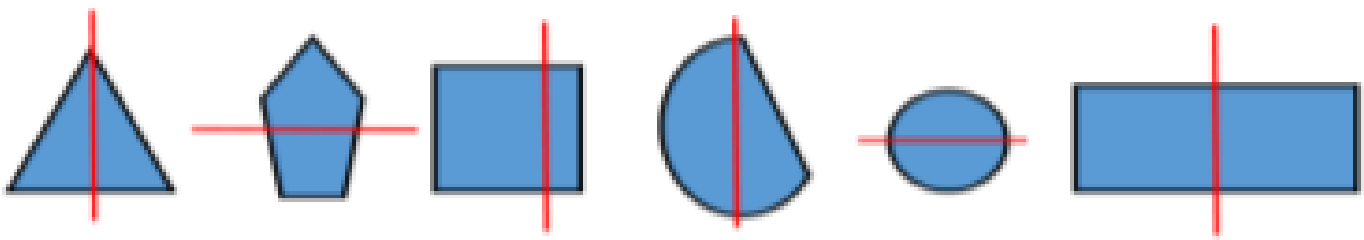
Cut and stick, or draw, the shapes below into the correct section of the sorting table.

Shapes that are split in equal halves	Shapes that are not split in equal halves



Can you add any more shapes to the table?

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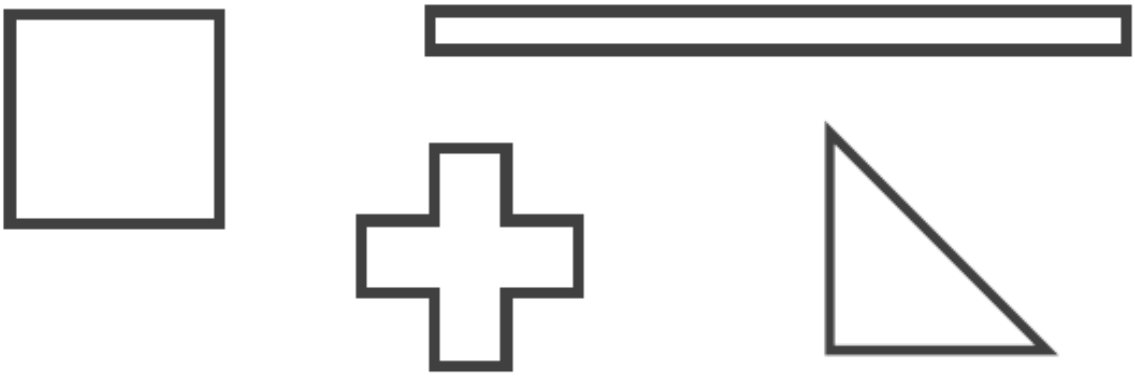
We write a half like this $\frac{1}{2}$ as a fraction. This is because we are splitting 1 whole into 2 parts. Watch this video to support your learning.
https://www.bbc.co.uk/bitesize/topics/z3rbg82/articles/zt7nfrd

Choose A or B and complete the activity. If you would like to complete more than one activity, you can.

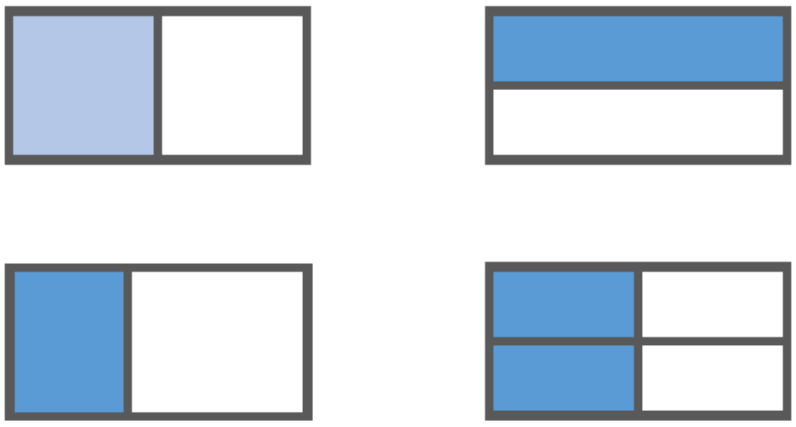
A

Colour in $\frac{1}{2}$ of each shape.



B

Look at these shapes. Do they all have $\frac{1}{2}$ shaded in? Which shape is the odd one out? Explain why.



C

Is $\frac{1}{2}$ of this shape shaded in?

What about this shape? Is $\frac{1}{2}$ shaded in? Explain your reason.