

### How to:

1. Complete finding halves. The questions are for discussion whilst your child completes this part.
2. As a challenge, complete reasoning and problem solving questions.

### Finding halves

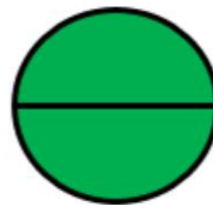
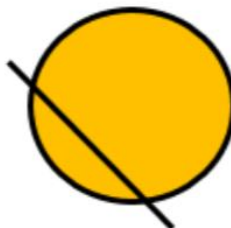
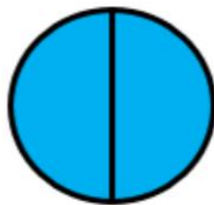
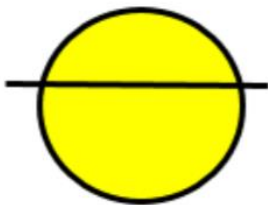
Show the children real life objects and how they can be cut in half.

How can we cut these objects in half?



Can any of the objects be cut in half in more than one way?

Which circles have been split into equal halves?



Match the halves to make 5 complete shapes.



**Questions for discussions:**

How many parts have I split my object into?

How can you show a half of something?

How do you know if a shape is split into halves?

How many halves make a whole?

Can we count them?

How do you know if an object or shape has not been split in half?

Is there more than one way to show half of a shape or object?

Is this the same for all shapes?

## Reasoning and problem solving

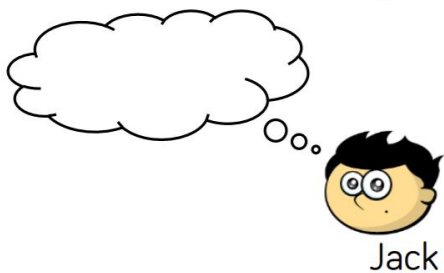
Eva and Jack are both attempting to split a rectangle in half.



Eva



Jack thinks he can find three more ways.

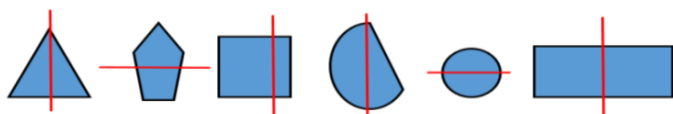


Jack

Find Jack's three examples.

Sort the shapes into the table.

Shapes that are split in half	Shapes that are not split in half

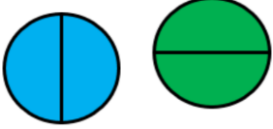


Can you add any more shapes to the table?

## Answers

1. cut each object in half equally.

2.



3. Star, triangle, circle, rectangle.

## Reasoning and problem solving

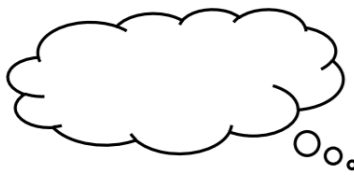
Eva and Jack are both attempting to split a rectangle in half.



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Jack thinks he can find three more ways.



Jack

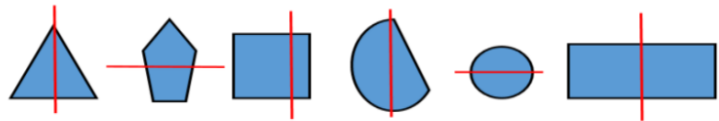
Find Jack's three examples.

Possible answers:



Sort the shapes into the table.

Shapes that are split in half	Shapes that are not split in half



Can you add any more shapes to the table?

Possible answer:

Shapes that are split in half	Shapes that are not split in half

There are a number of different answers for other shapes children could add to the table.