Recognise a Half

Adult Guidance with Question Prompts

Children learn how to recognise half of a shape, object or quantity. They are able to say that a half is one of two equal parts. Children are able to write $\frac{1}{2}$ to represent a half.

What is a whole?

What is a half?

To make half, how many parts will the whole be split into?

Do all the parts need to be equal?

How many halves make one whole?

If I split the shape into two unequal parts, would each part be a half?

How many parts is each picture split into?

Do all of the pictures show two equal parts?

How many sweets are there altogether?

How would I find half of the sweets?

Why do the pictures of the square and the apple not show half?
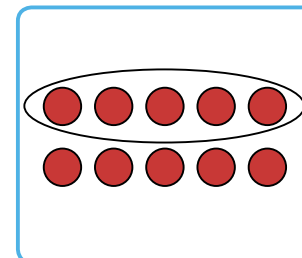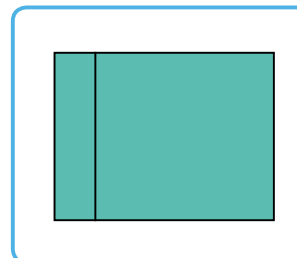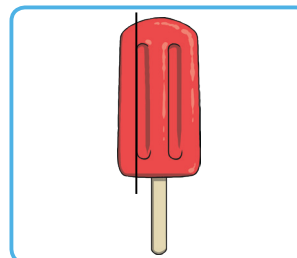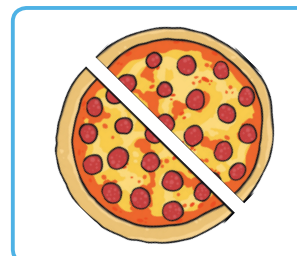
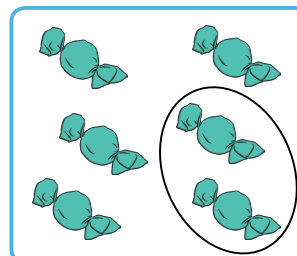**How would you write half as a fraction?**

What does the one represent?

What does the two represent?
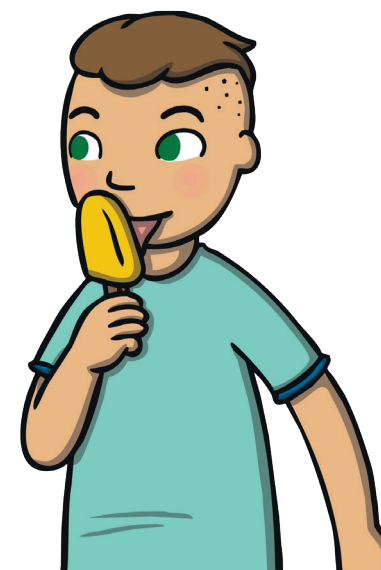

Recognise a Half

Tick the pictures that show $\frac{1}{2}$.

Fill in the gaps.

A half is 1 of ☐ equal parts.

This can be written as $\frac{\square}{\square}$.

Recognise a Half

Children recognise half of a quantity. They are able to explain whether a half is represented and give reasons for their answers.

How many sweets are there in the picture?

How could you find half?

Can you circle half of the sweets?

How many sweets have you circled?

Do you think Isaac is correct? Explain your reasoning.

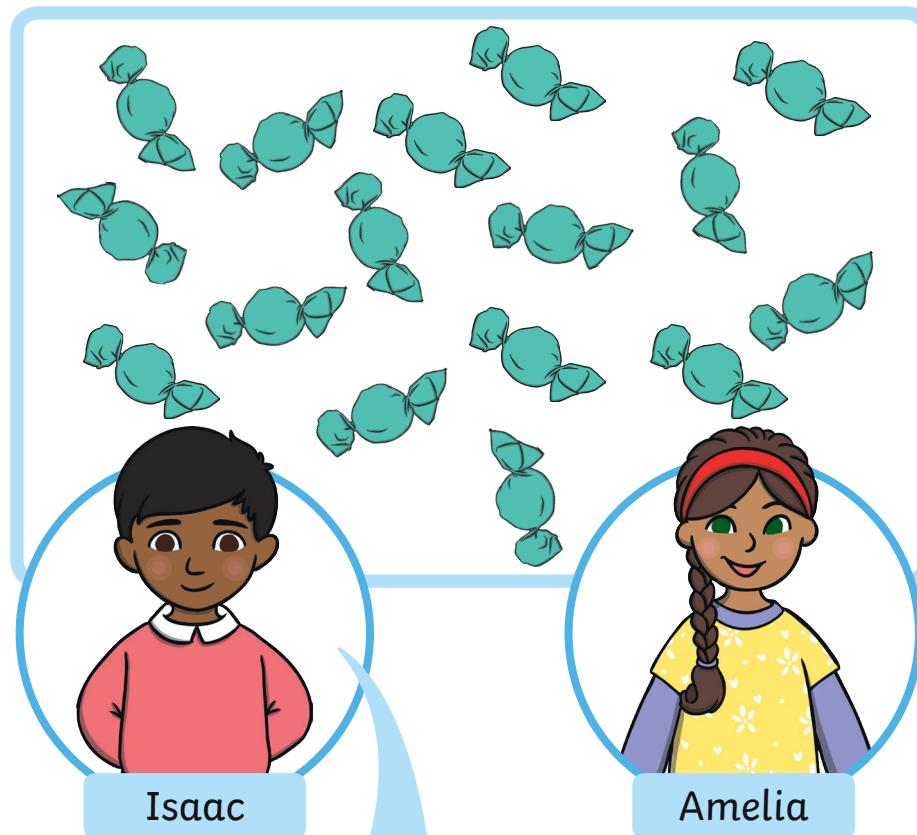**Can you prove you are right using cubes or counters?**

What mistake might Isaac have made?

Did Isaac split the sweets into two equal parts?

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Isaac wants to give $\frac{1}{2}$ of his sweets to Amelia.

Isaac

Amelia

I will get 10 sweets and Amelia will get 6.

Is Isaac correct? Prove it!

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Children recognise a half by counting how many parts of the whole are shaded. They suggest other ways to shade the same fraction. You may find it helpful to provide children with squared paper for this activity. Children could also use eight counters to cover the squares on the blank grid in different ways.

How many squares are there in the whole shape?

How many squares are shaded?

What fraction of the shape is shaded? How do you know?

Is that the only way that a half could be shaded?

What other ways could you shade the shape to show a half?

How many squares will be shaded each time?
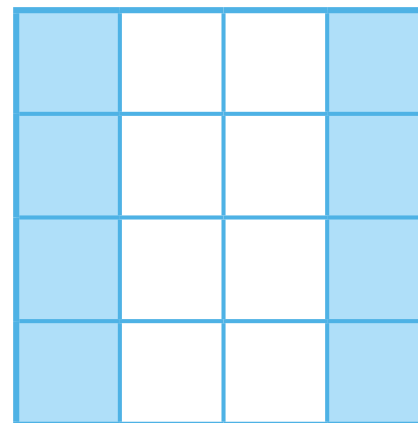
Does it matter which squares are shaded? Prove it.

How many possible solutions can you find?

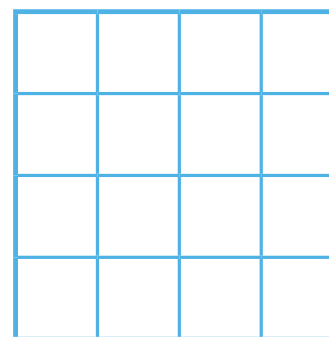**Have you found the same solutions as your friend?**

Recognise a Half

What fraction of the square is shaded?

How many other ways can you show this fraction of the square?

Find all of the possible ways.