Recognise a Third

Adult Guidance with Question Prompts

Children identify a third of a shape, recognising that the whole must be split into three equal parts. They understand that three equal parts make one whole and they read and write the fraction $\frac{1}{3}$.

How many parts has each whole been split into?

Are the parts equal?

How many equal parts will be shown if a shape is split into thirds?

How many thirds make a whole?

Can you see any shapes that have been split into thirds?

How do you know?

If a shape has been split into two equal parts, what fraction is this?

What fraction is shown if a shape is split into four equal parts?

How many parts of each shape will you need to shade?

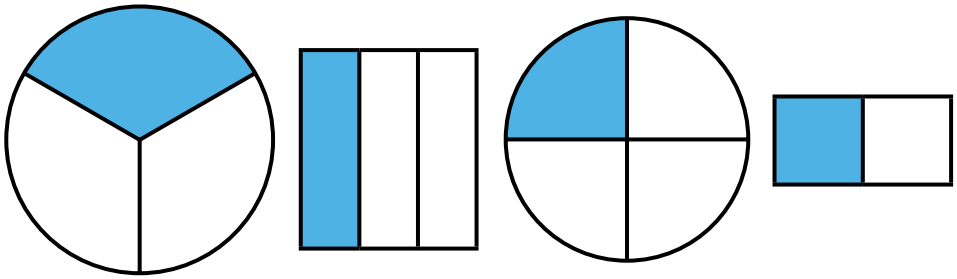
Can you write one third as a fraction?

What does the digit 1 represent?

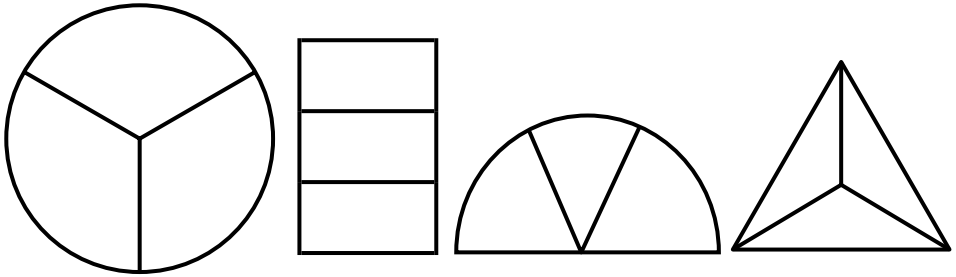
What does the digit 3 represent?

Recognise a Third

Tick the pictures that show $\frac{1}{3}$.



Shade $\frac{1}{3}$ of each of these shapes.



Each shape is split into _____ equal parts.

Each part is worth one _____.

The fraction can be written as $\frac{\square}{\square}$.

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Children identify which shapes show thirds. They are able to explain that a shape must be split into three equal parts for thirds to be represented.

What do you notice about the shapes?

How many parts has each whole shape been split into?

Is each part equal?

Which shapes have been split into equal parts?

What do we call each part of the shape?

Which shape has not been split into equal parts?

How can you tell?

If the parts are unequal, are they thirds?

Can you explain how we know that this shape has not been split into thirds?

Draw the whole shape that has not been split into thirds.

How would you split it into thirds?

How many parts are there?

Is each part equal?

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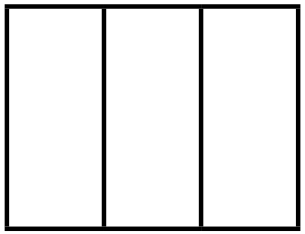
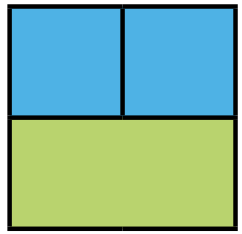
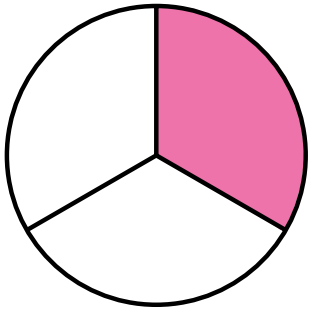
Which shape is the odd one out?







Can you explain why?

Can you draw that shape and split it into thirds?

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Children compare the fractions $\frac{1}{2}$, $\frac{1}{4}$ and $\frac{1}{3}$.
They identify these fractions on a shape and say which is the largest.

How many equal pieces do you think each pizza had been cut into before any was eaten?

What fraction of his pizza does James eat?
How many equal pieces has James's pizza been cut into?
Which pizza belongs to James?

What fraction of her pizza does Abida eat?
How many equal pieces has Abida's pizza been cut into?
Which pizza belongs to Abida?

What fraction of her pizza does Sarah eat?
How many equal pieces has Sarah's pizza been cut into?
Which pizza belongs to Sarah?

Who has eaten the most pizza? Explain how you know.
Which fraction of the whole is largest – $\frac{1}{2}$, $\frac{1}{4}$ or $\frac{1}{3}$?
Is a half smaller than a quarter because two is smaller than four? Convince me.

How many pieces of each pizza do you need to colour?
Do you need to colour the same number of pieces on each pizza?
Is a third represented in the same way on each pizza?

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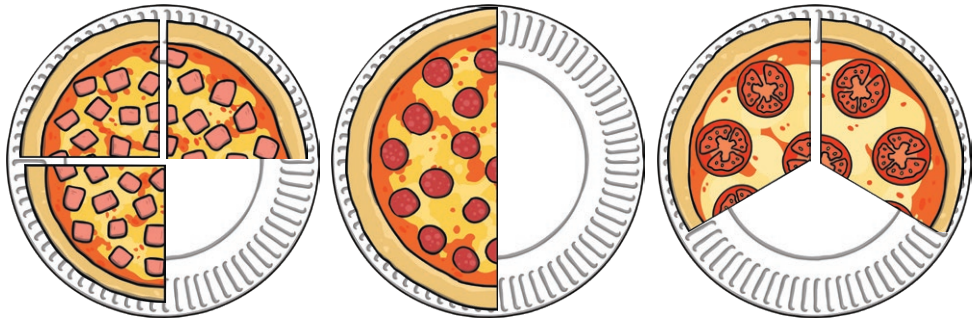
James, Abida and Sarah are eating pizza.

James eats $\frac{1}{2}$ of his pizza.

Abida eats $\frac{1}{3}$ of her pizza.

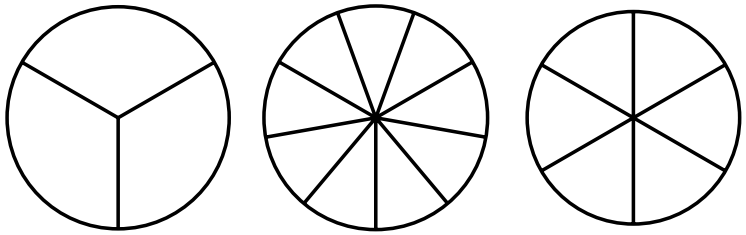
Sarah eats $\frac{1}{4}$ of her pizza.



Which pizza belongs to each child?

Who eats the most pizza?

Colour a third of each of these pizzas.



What do you notice?