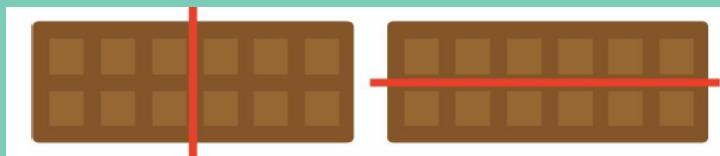


Identifying and finding halves of an amount in the context of shapes

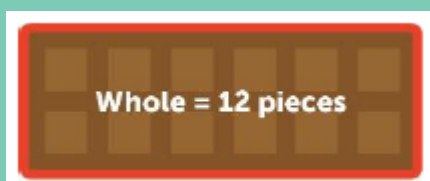
WORKED EXAMPLE

Fractions can be found by splitting a shape in half or by calculating a half.



The chocolate is split into 2 equal parts.
Each $\frac{1}{2}$ is made up of 6 pieces.

If the shape is already split into equal parts, these can be used to calculate fractions of the whole.

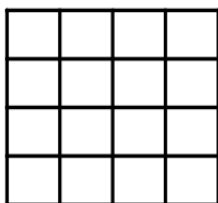


The whole chocolate is split into 12 equal pieces.

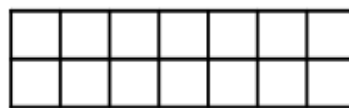
$\frac{1}{2}$ of 12 = 6 so $\frac{1}{2}$ of the chocolate is made up of 6 pieces.

REHEARSE

Use a line to split each shape into 2 halves.



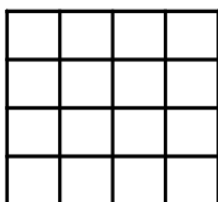
$\frac{1}{2}$ of the shape is _____ squares



$\frac{1}{2}$ of the shape is _____ squares

REHEARSE

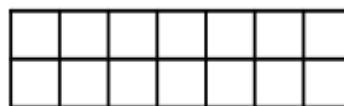
Show how you can use the number of equal parts in the whole shape to calculate $\frac{1}{2}$.



The whole has _____ squares.

$\frac{1}{2}$ of _____ = _____

$\frac{1}{2}$ of the shape is _____ squares.



The whole has _____ squares.

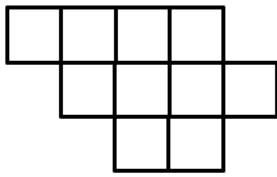
$\frac{1}{2}$ of _____ = _____

$\frac{1}{2}$ of the shape is _____ squares.

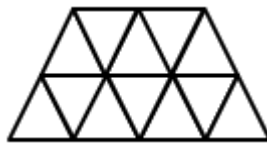
Use your calculation to colour $\frac{1}{2}$ of each shape in a way that is different to the way you split them.

REHEARSE

Find $\frac{1}{2}$ of the shape and colour it.



$$\frac{1}{2} \text{ of } \underline{\hspace{2cm}} = \underline{\hspace{2cm}}$$



$$\frac{1}{2} \text{ of } \underline{\hspace{2cm}} = \underline{\hspace{2cm}}$$



$$\frac{1}{2} \text{ of } \underline{\hspace{2cm}} = \underline{\hspace{2cm}}$$

RETRIEVE

Can I still explain regrouping into ten and some more?

Draw how you could you regroup this number to show ten and some more.

Tens	Ones

_____ is _____ ones

Tens	Ones

_____ is _____ ten and _____ ones

REHEARSE

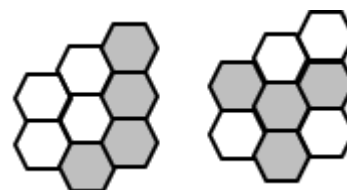
Use 1LS33_step3_colour_half to colour in half of each shape.

APPLY AND EXPLORE

Two children say they have coloured half of the shape.

Can they both be right?

How do you know?

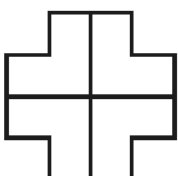


REHEARSE

Use another copy of 1LS33_step3_colour_half.

Can you find a different way to colour in half of each shape?

APPLY AND EXPLORE



How many possible ways are there to colour in half of this shape?

What does it make you want to explore next?