

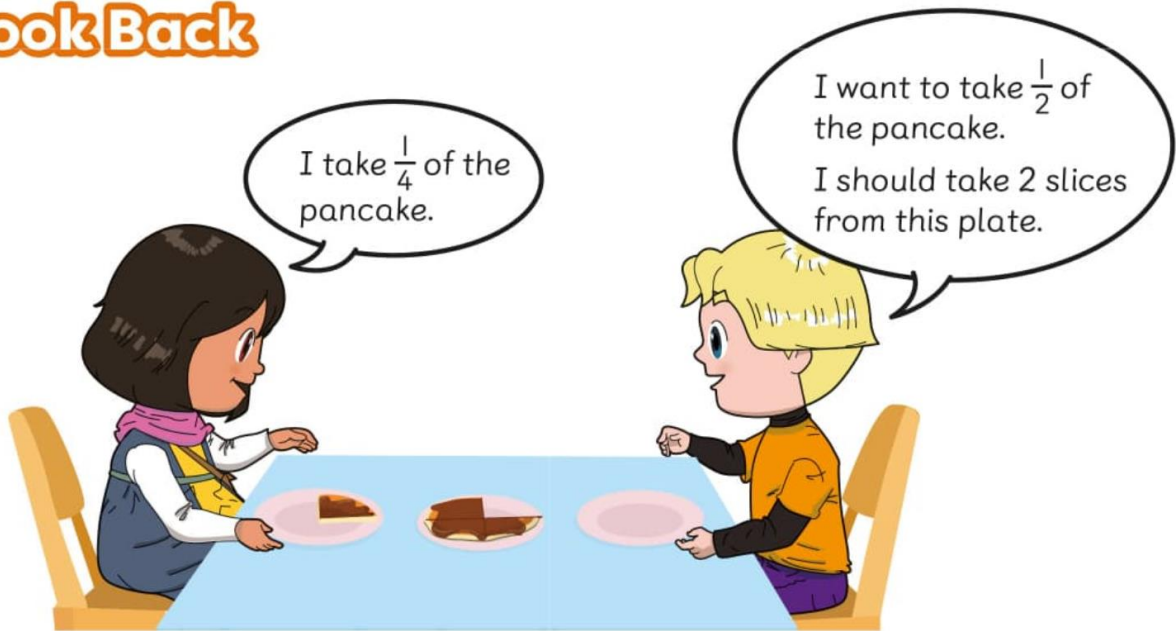
D

Find Three Quarters of a Shape and a Set

What You Will Learn:

- Find three quarters of numbers and shapes.

Look Back



Is Ralph correct? **Yes**

How do you know?

Thinking Cap



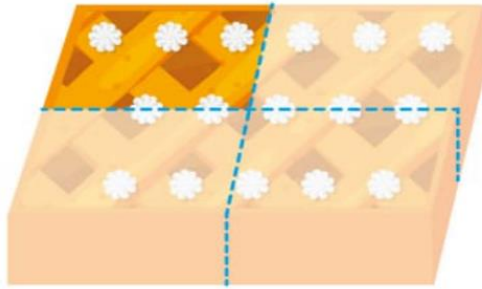
If Caz takes 3 slices, what fraction of the pancake does she take? Discuss with your partner. Are three quarters the same **a half** and a quarter together? Draw a shape with four equal parts to show your thinking. **Yes**

$$\frac{3}{4}$$

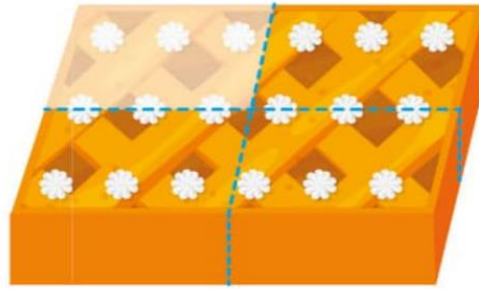


Let's Learn

a



Halim has $\frac{1}{4}$ of the pie.



Peiqi has $\frac{3}{4}$ of the pie.

$\frac{3}{4}$ is the same as three $\frac{1}{4}$.

b Bala has 16 marbles.

He puts them into groups as shown below.



$\frac{1}{4}$ of 16 is 4.

$\frac{3}{4}$ of 16 is 12.

$\frac{3}{4}$ of 16 is the same as
 $4 + 4 + 4$.



If Bala has 20 marbles,
what is $\frac{3}{4}$ of 20?

$\frac{1}{4}$ of the marbles is 5.

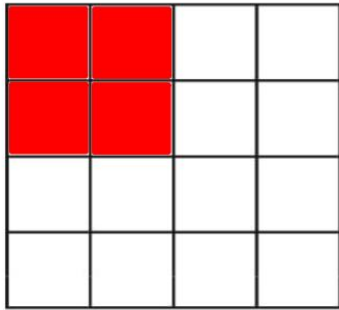
$\frac{3}{4}$ of the marbles is $5 + 5 + 5 = 15$.



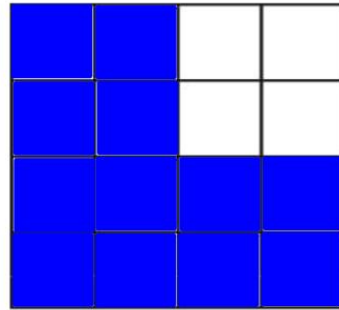
Let's Practise

1 Colour to show that each statement is true.

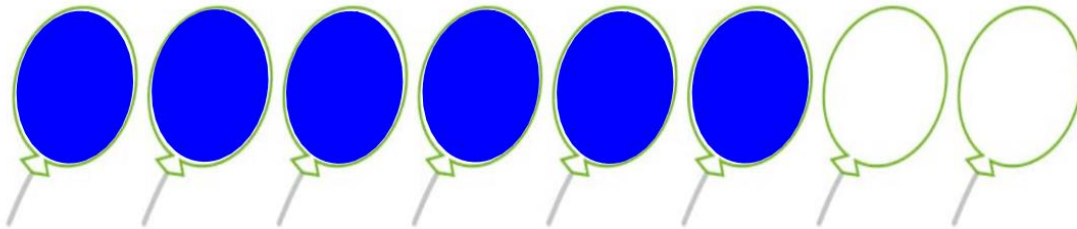
a $\frac{1}{4}$ of the squares are red.



b $\frac{3}{4}$ of the squares are blue.



2 a Colour $\frac{3}{4}$ of these balloons.



b How many balloons are not coloured? 2



3 Some children are at the playground.

$\frac{1}{4}$ of the children are on the swings.

How many children are at the playground? 8



Caz solves the problem by adding 1 child at a time to the drawing until she can form 4 groups of 2.

Suggest a faster way to solve the problem.

If 1 quarter is 2, then 4 quarters is $2 \times 4 = 8$