

Parents, please discuss the information on these pages with your children and then help them to do the Guided Practice questions. You can then correct them if they have not understood. The grey Workbook pages should be completed by the children as independently as possible and will be checked by their teacher. Please read any instructions carefully to know how to answer specific questions.

Showing Quarters

Lesson 3

In Focus

There was a whole waffle.



How can we figure out how much of the waffle was eaten?

Let's Learn

1 What fraction of the waffle was eaten?

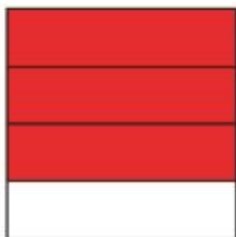


There were 4 equal parts.
The name of each part is a quarter or a fourth.
3 parts were eaten.
 $\frac{3}{4}$ of the waffle was eaten.



We read $\frac{3}{4}$ as three quarters or three fourths.
 $\frac{3}{4}$ is 3 parts out of 4 equal parts.

2 Show $\frac{3}{4}$ of a square.





3 Show $\frac{3}{4}$ of a rectangle.



Show by folding and shading.



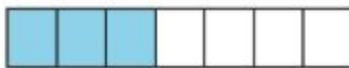
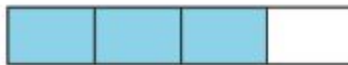
Are there other ways?

Guided Practice

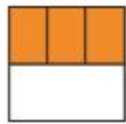
1 This stands for 1.



Which of these shows $\frac{3}{4}$?



2 Which of the following show $\frac{3}{4}$ of the square shaded?

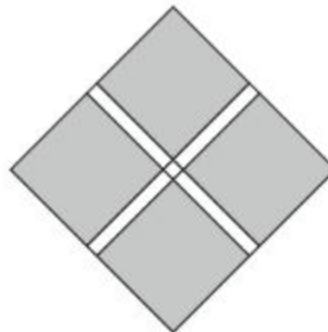
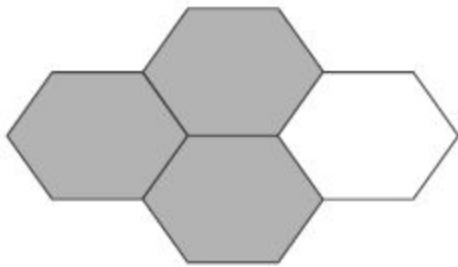
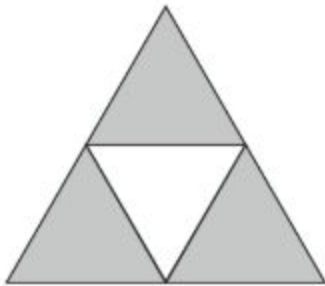


How do you write a quarter as a fraction?

What does $\frac{3}{4}$ mean?

Showing Quarters

- 1 Circle the pictures that show $\frac{3}{4}$ of the shape shaded.



Write the name of the shapes that show $\frac{3}{4}$ shaded. (E.g. long rectangle, triangle, parallelogram, hexagons stuck together, rotated square.)

On the page below, write the fraction and each shape together.

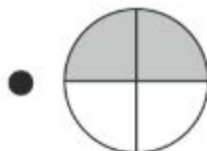
For example:

One quarter - third rectangle



2 Match.

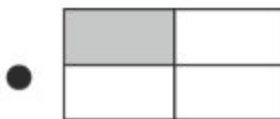
one quarter ●



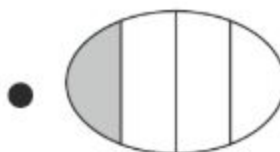
two quarters ●



three quarters ●



four quarters ●



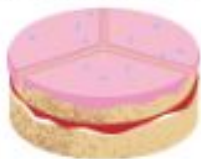
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Lesson 4

Showing Thirds

In Focus

A cake was cut into 3 equal pieces.



Sam and Holly took a piece each.
How much of the cake did they take altogether?

Let's Learn

1



There are 3 equal parts.
The name of each part is a third.



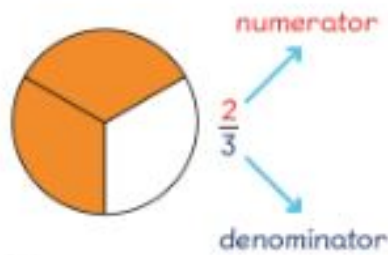
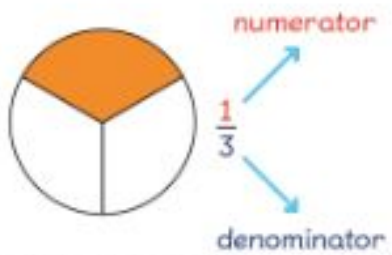
Sam ate 1 third.
Holly ate 1 third.
Together, they ate 2 thirds.

1 third = $\frac{1}{3}$



2 thirds = $\frac{2}{3}$

2



The numerator tells us the number of pieces.
The denominator tells us the size of the pieces.

3

picture	symbol	read
	$\frac{1}{2}$	one half 1 part out of 2 equal parts
	$\frac{1}{3}$	one third 1 part out of 3 equal parts
	$\frac{1}{4}$	one quarter or one fourth 1 part out of 4 equal parts

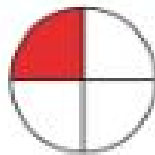
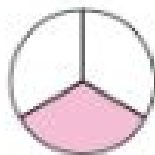
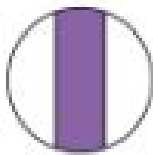
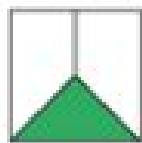
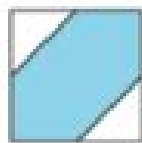
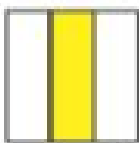


These are unit fractions.

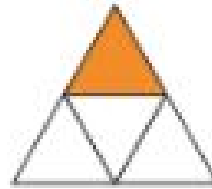
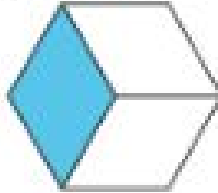
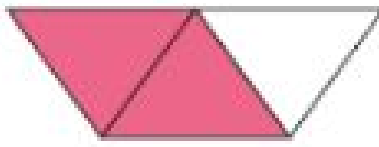
What is the numerator?
What is the denominator?

1

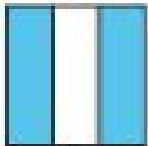
Which pictures show $\frac{1}{3}$ of the shape shaded?



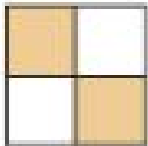
2 What fraction of the shape is shaded?



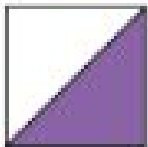
3  shows 1.



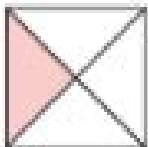
shows .



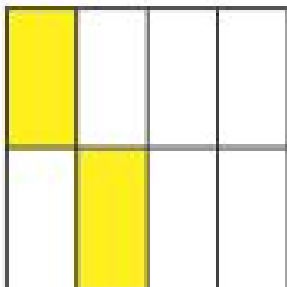
shows .




shows .



shows .

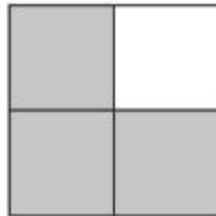
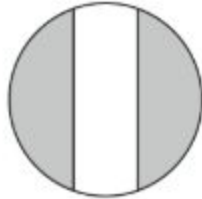
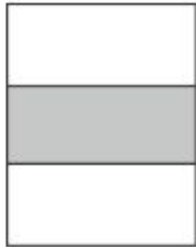


shows .

Worksheet 4

Showing Thirds

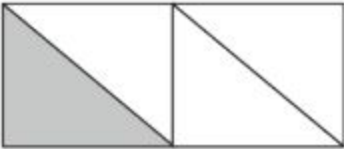
- 1 Circle the pictures that show $\frac{1}{3}$ of the shape shaded.

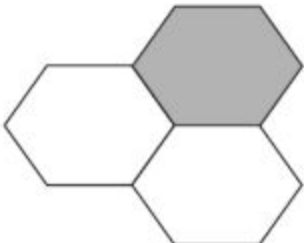


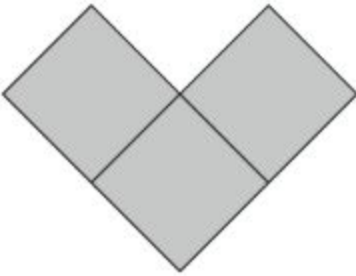
Write the names of the shapes that have $\frac{1}{3}$ shaded.


(Be specific with the rectangles, e.g. top left rectangle, top right rectangle or bottom left rectangle.)

3 What fraction of the following shapes is shaded?
Write the fractions in the boxes.

(a) 

(b) 

(c) 

(d) 

a)

b)

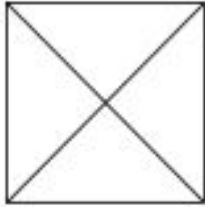
c)

d)

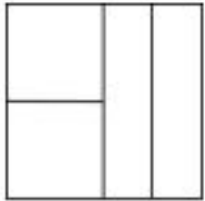
Challenge:

Three children are splitting a square into equal parts.

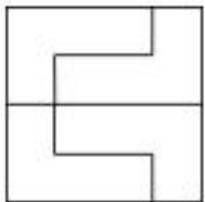
Teddy



Alex



Mo



Who has split the square into equal parts? Explain why.

Make sure you explain your reasoning by writing in full sentences.