Year 2 Maths Fractions

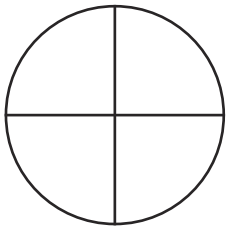
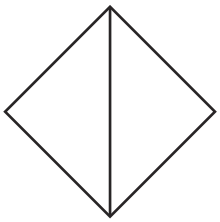
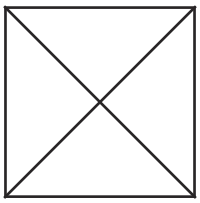
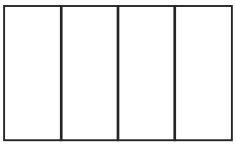
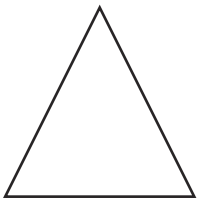
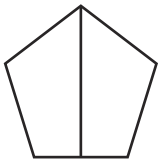
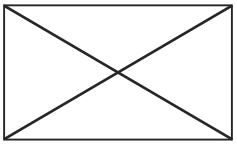
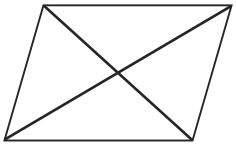
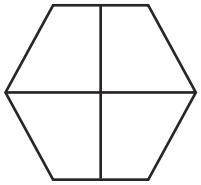
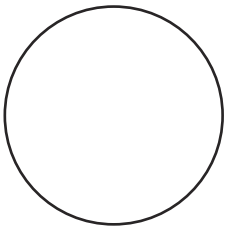
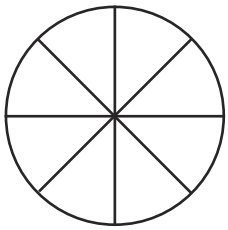
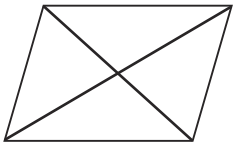
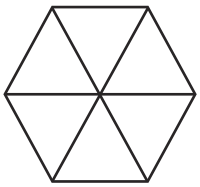
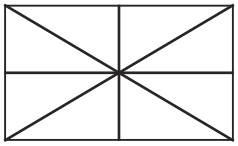
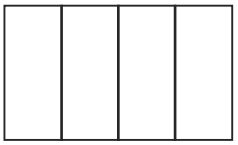
Learning from Home Activity Booklet

Year 2 Programme of Study – Fractions

Statutory requirements	Activity Sheet	Page Number	Notes
Recognise, find, name and write fractions $\frac{1}{3}$, $\frac{1}{4}$, 2/4 and $\frac{3}{4}$ of a length, shape, set of objects or quantity.	Fractions of Shapes	2	
	Fraction Challenges	3	
Write simple fractions for example, $\frac{1}{2}$ of 6 = 3 and recognise the equivalence of 2/4 and $\frac{1}{2}$.	Find the Fraction	4	
	Fraction Wall	5	
	Answers	6-9	

Fractions of Shapes

Shade the fractions of these shapes:

 $\frac{1}{4}$	 $\frac{1}{2}$	 $\frac{1}{4}$	 $\frac{3}{4}$	 $\frac{1}{1}$
 a half	 one quarter	 two quarters	 three quarters	 a whole
 $\frac{3}{4}$	 $\frac{1}{4}$	 $\frac{1}{2}$	 two halves	 four quarters

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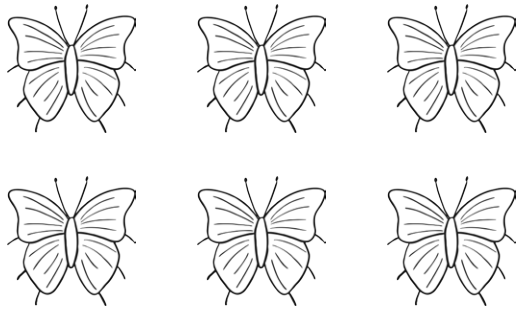
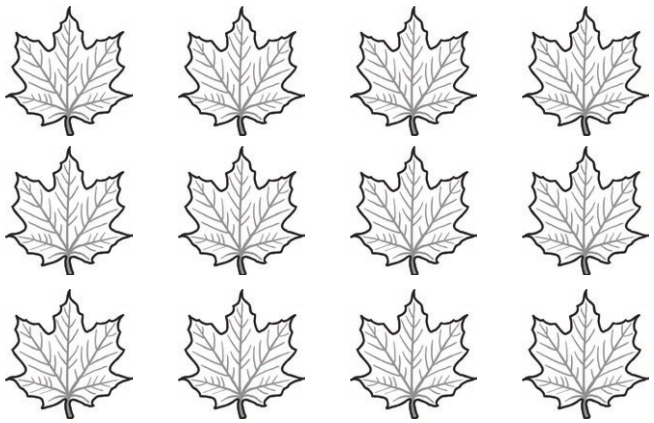
Fraction Challenges

Colour $\frac{1}{2}$ of the butterflies

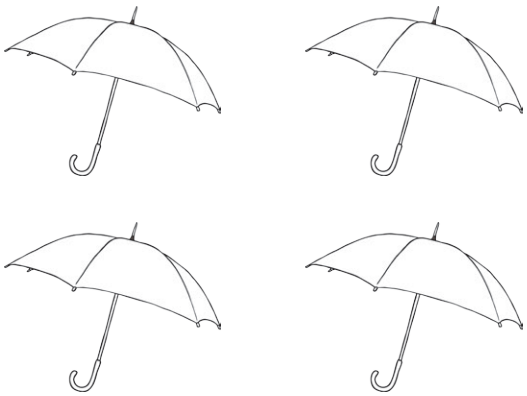


Colour $\frac{1}{4}$ of the stars

Colour $\frac{3}{4}$ of the leaves



Colour $\frac{2}{4}$ of the umbrellas



Can you solve these problems?

Priya's pencil is 12cm long. Daniel's pencil is half the length of Priya's. How long is Daniel's pencil?

Lucy has 12 sweets. She eats one quarter of them. How many does she have left?

It takes dad 4 minutes to tie his shoelaces. It takes Sam $\frac{3}{4}$ of that time. How long does it take Sam?

Half the children in Red Class go out to play. There are 10 children left in the classroom. How many children are in Red Class?

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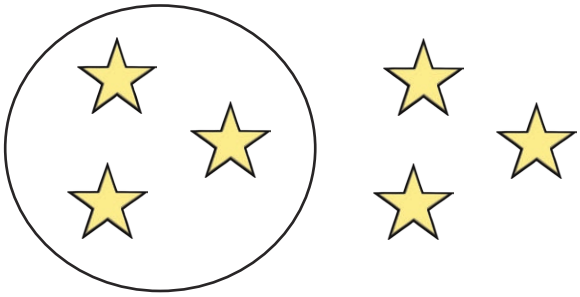
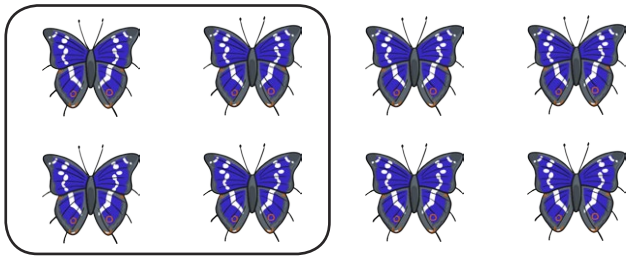
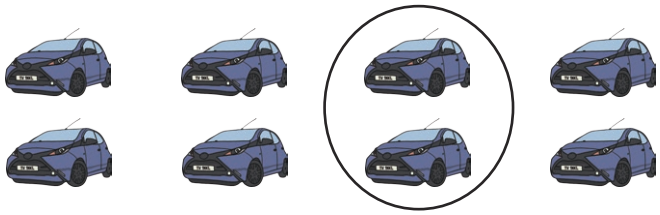
Find the Fraction

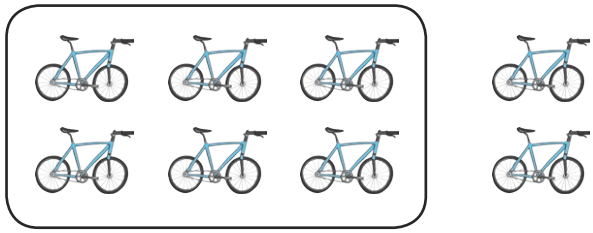
Write a fraction sentence for each picture. The first one has been done for you.



$\frac{1}{2}$ of 6 = 3







Now draw pictures to go with these fraction sentences.

$\frac{1}{2}$ of 10 is 5	$\frac{1}{4}$ of 12 is 3
$\frac{2}{4}$ of 4 is 2	$\frac{3}{4}$ of 12 is 9

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Fraction Wall

Complete the fraction wall.

1			
$\frac{1}{2}$			
	$\frac{1}{4}$		$\frac{1}{4}$

Now complete these fraction sentences using your fraction wall.

$\frac{1}{2} = \frac{\quad}{4}$

$\frac{1}{2} = \frac{2}{\quad}$

$1 = \frac{\quad}{2}$

$1 = \frac{4}{\quad}$

$1 = \frac{\quad}{4}$

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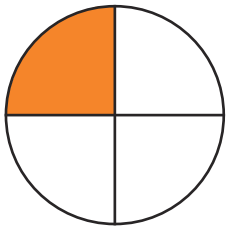
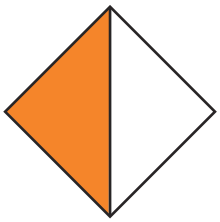
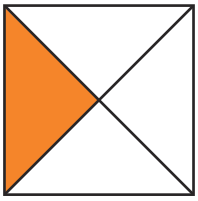
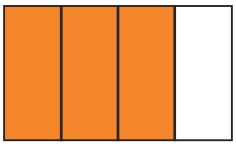
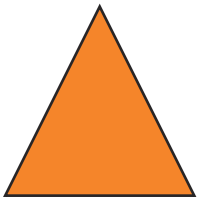
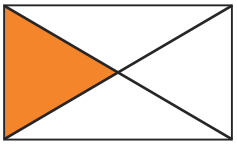
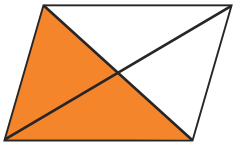
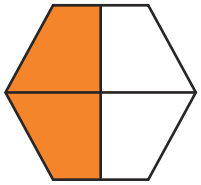
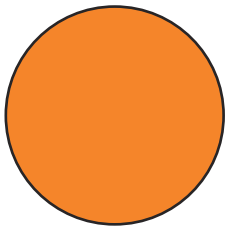
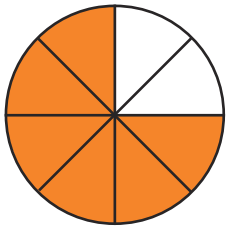
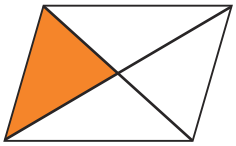
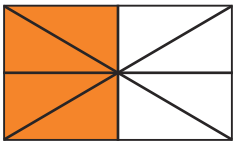
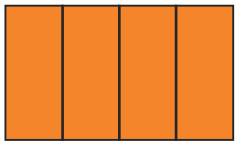
Fractions of Shapes **Answers**

Shade the fractions of these shapes:

 $\frac{1}{4}$	 $\frac{1}{2}$	 $\frac{1}{4}$	 $\frac{3}{4}$	 $\frac{1}{1}$
a half	 one quarter	 two quarters	 three quarters	 a whole
 $\frac{3}{4}$	 $\frac{1}{4}$	$\frac{1}{2}$	 two halves	 four quarters

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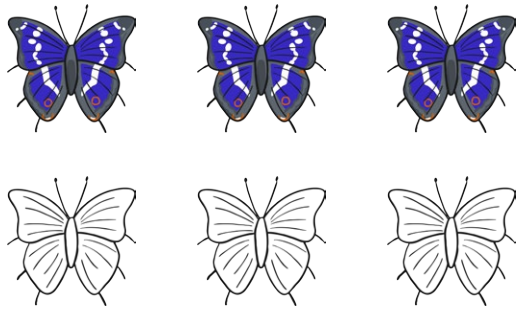
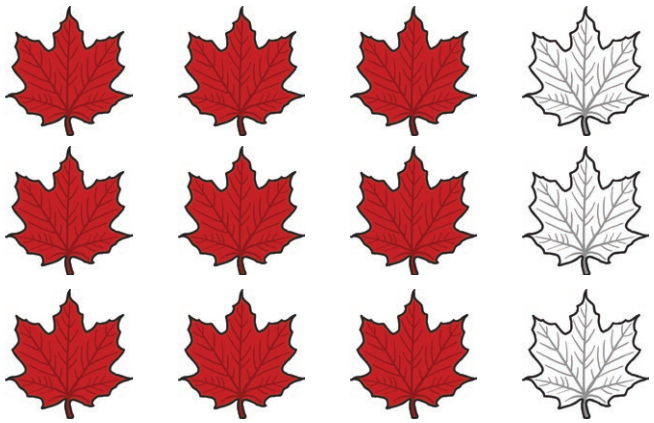
Fraction Challenges **Answers**

Colour $\frac{1}{2}$ of the butterflies



Colour $\frac{1}{4}$ of the stars

Colour $\frac{3}{4}$ of the leaves



Colour $\frac{2}{4}$ of the umbrellas

Can you solve these problems?

Priya's pencil is 12cm long. Daniel's pencil is half the length of Priya's. How long is Daniel's pencil?

Half of 12 is 6, so Daniel's pencil is 6cm long.

Lucy has 12 sweets. She eats one quarter of them. How many does she have left?

One quarter of 12 is 3. 12 - 3 = 9, so Lucy has 9 sweets left.

It takes dad 4 minutes to tie his shoelaces. It takes Sam $\frac{3}{4}$ of that time. How long does it take Sam?

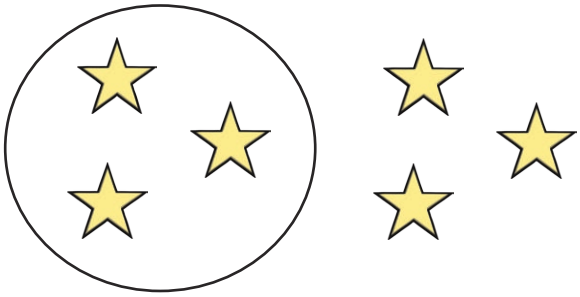
$\frac{3}{4}$ of 4 is 3, so it takes Sam 3 minutes.

Half the children in Red Class go out to play. There are 10 children left in the classroom. How many children are in Red Class?

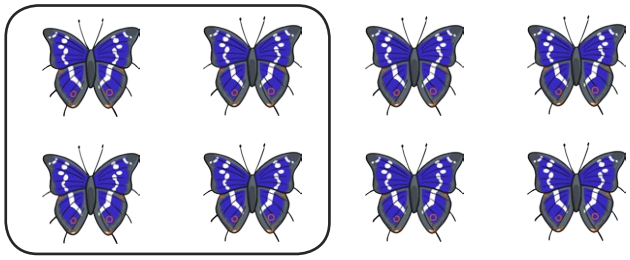
10 is half of 20, so there are 20 children in Red Class.

Find the Fraction **Answers**

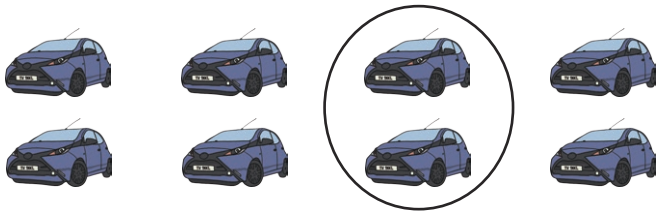
Write a fraction sentence for each picture. The first one has been done for you.



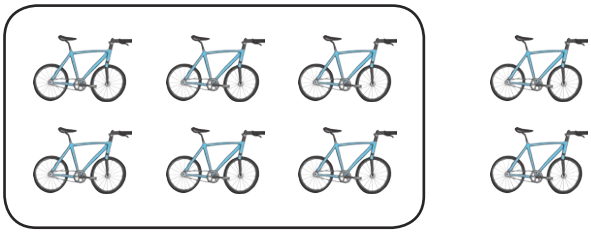
$\frac{1}{2}$ of 6 = 3



$\frac{1}{2}$ of 8 = 4

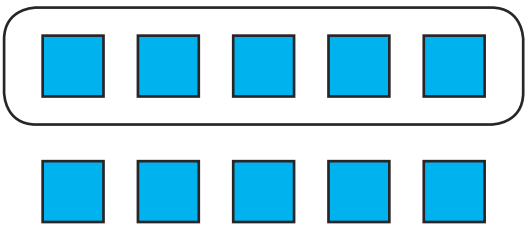


$\frac{1}{4}$ of 8 = 2

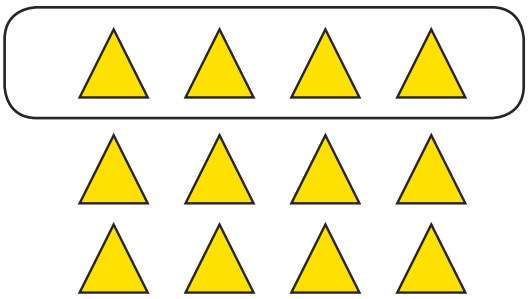


$\frac{3}{4}$ of 8 = 6

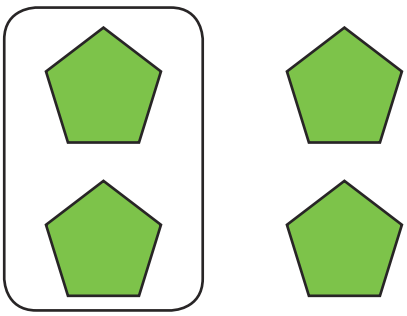
Now draw pictures to go with these fraction sentences.



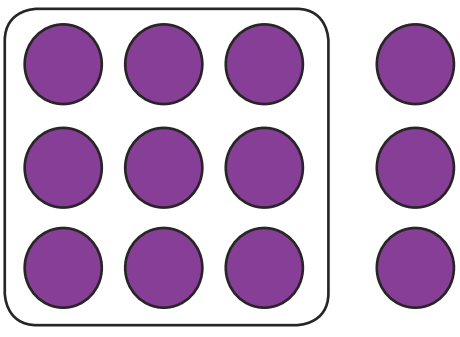
$\frac{1}{2}$ of 10 is 5



$\frac{1}{4}$ of 12 is 3



$\frac{2}{4}$ of 4 is 2



$\frac{3}{4}$ of 12 is 9

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Fraction Wall **Answers**

Complete the fraction wall.

1			
$\frac{1}{2}$		$\frac{1}{2}$	
$\frac{1}{4}$	$\frac{1}{4}$	$\frac{1}{4}$	$\frac{1}{4}$

Now complete these fraction sentences using your fraction wall.

$\frac{1}{2} = \frac{2}{4}$

$\frac{1}{2} = \frac{2}{4}$

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

$1 = \frac{4}{4}$

$1 = \frac{4}{4}$

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