

## Maths Assessment Year 2: Fractions

---

1. Recognise, find, name and write fractions  $\frac{1}{3}$ ,  $\frac{1}{4}$ ,  $\frac{2}{4}$ , and  $\frac{3}{4}$  of a length, shape, set of objects or quantity.
2. Write simple fractions for example,  $\frac{1}{2}$  of 6 = 3 and recognise the equivalence of  $\frac{2}{4}$  and  $\frac{1}{2}$ .

Name: Date: 

20

total marks

**Maths Assessment Year 2: Fractions**

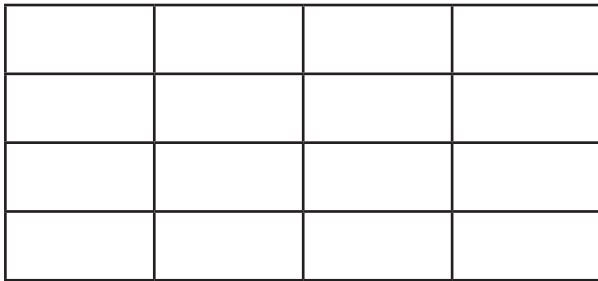
1. Recognise, find, name and write fractions  $\frac{1}{3}$ ,  $\frac{1}{4}$ ,  $\frac{2}{4}$ , and  $\frac{3}{4}$  of a length, shape, set of objects or quantity.

a) Colour  $\frac{1}{2}$  of this shape:



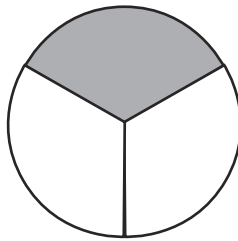
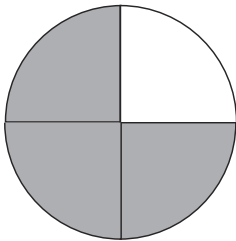
1 mark

b) Colour  $\frac{1}{4}$  of this shape:



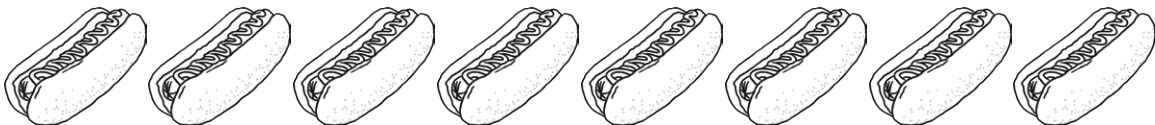
1 mark

c) What fraction of the shapes is shaded?



2 marks

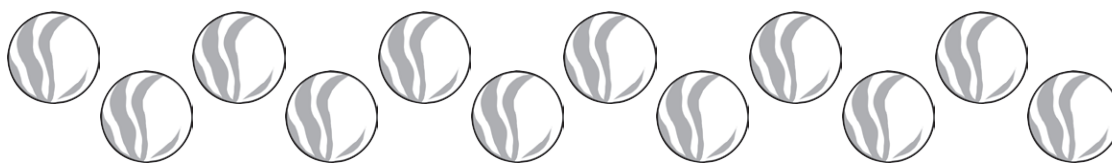
d) Greg eats  $\frac{1}{4}$  of the hotdogs he bought. Circle how many he eats.



1 mark

total for this page

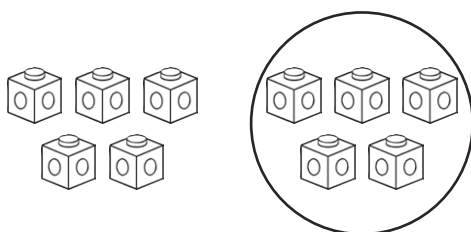
- e) Leo lost half of his marbles in a game. This is what he has left.  
How many did he start with?



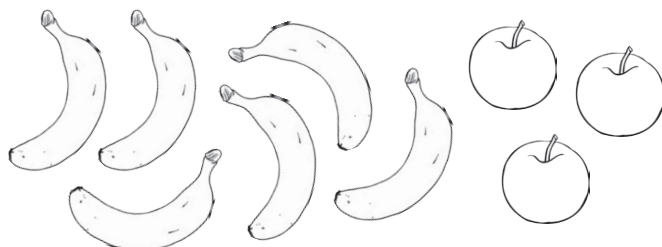

1 mark

- f) Write one of these fractions next to each picture.  $\frac{1}{2}$   $\frac{1}{4}$   $\frac{1}{3}$   $\frac{3}{4}$

What fraction of the cubes are in the hoop?

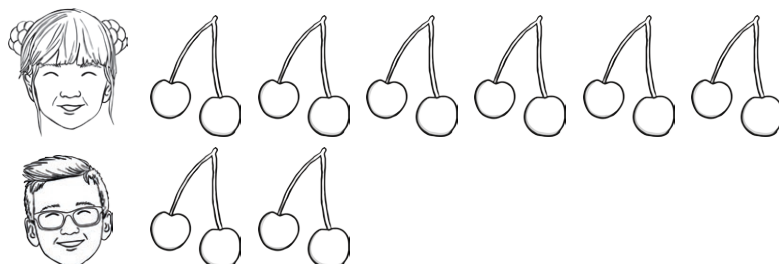



What fraction of the fruit are apples?




I had 16 cherries. I have given 4 to Ben.  
What fraction of the cherries does he have?

What fraction of the cherries do I have?



4 marks

total for  
this page

2. Write simple fractions for example,  $\frac{1}{2}$  of 6 = 3 and recognise the equivalence of  $\frac{2}{4}$  and  $\frac{1}{2}$ .

a) Fill in the answers:

$\frac{1}{2}$  of 20 =

$\frac{1}{4}$  of 12 =

$\frac{1}{3}$  of 18 =

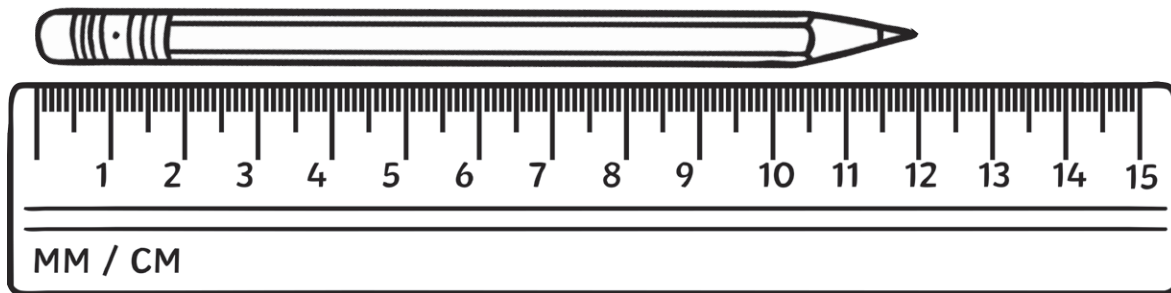
$\frac{1}{2}$  of 18 =

$\frac{1}{4}$  of 20 =

$\frac{1}{3}$  of 12 =

6 marks

b) What is half the length of the pencil?




1 mark

total for this page

c) Colour half of this shape.


How many boxes have you coloured in?

1 mark

Colour  $\frac{2}{4}$  of this shape.


How many boxes have you coloured in?

1 mark

Look at both of the above shapes and finish this sentence.

$\frac{1}{2}$  and  $\frac{2}{4}$  are \_\_\_\_\_

1 mark

\*\*END OF TEST\*\*

total for  
this page

question	answer	marks	notes
1. Recognise, find, name and write fractions $\frac{1}{3}$ , $\frac{1}{4}$ , $\frac{2}{4}$ , and $\frac{3}{4}$ of a length, shape, set of objects or quantity.			
a	1 mark for any 4 boxes shaded	1	
b	1 mark for any 4 boxes shaded	1	
c	$\frac{3}{4}$ , $\frac{1}{3}$	2	
d	1 mark for any 2 circled	1	
e	24	1	
f	cubes: $\frac{1}{2}$ apples and bananas: $\frac{1}{3}$ cherries: $\frac{1}{4}$ , $\frac{3}{4}$	4	1 mark for each correct answer
2. Write simple fractions for example, $\frac{1}{2}$ of 6 = 3 and recognise the equivalence of $\frac{2}{4}$ and $\frac{1}{2}$ .			
a	$\frac{1}{2}$ of 20 = 10 $\frac{1}{4}$ of 12 = 3 $\frac{1}{3}$ of 18 = 6 $\frac{1}{2}$ of 18 = 9 $\frac{1}{4}$ of 20 = 5 $\frac{1}{3}$ of 12 = 4	6	One for each correct answer
b	6cm	1	
c	colour half this shape: 1 mark for any 8 boxes shaded  colour $\frac{2}{4}$ of this shape: 1 mark for any 8 boxes shaded  $\frac{1}{2}$ and $\frac{2}{4}$ are ....the same or equivalent	3	Other wording to the same effect could be accepted at the teacher's discretion
		Total 20	