

Name:



## Maths Assessment Year 2 Term 3: Fractions

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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  $\frac{1}{2}$ .

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# Maths Assessment Year 2 Term 3: Fractions

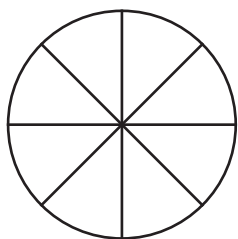
1. Recognise, find, name and write fractions  $\frac{1}{3}$ ,  $\frac{1}{4}$ ,  $\frac{2}{4}$ , and  $\frac{3}{4}$  of a length, shape, set of objects or quantity.

a) Complete the colouring of this shape so  $\frac{1}{2}$  is shaded:



1 mark

b) Colour  $\frac{3}{4}$  of this shape.



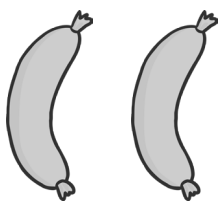
1 mark

c) What fraction of these shapes is shaded?



1 mark

d) Jerome and his sister have eaten  $\frac{3}{4}$  of the sausages. There are 2 left. How many have they eaten?



1 mark

e) Some children made some peg dolls. Put a circle around  $\frac{1}{3}$  of them.



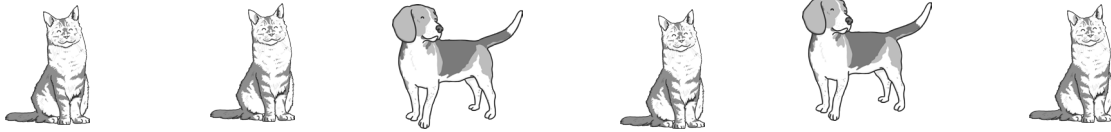
How many dolls is  $\frac{2}{3}$  ?

2 marks

Total for this page

f) Use one of the fractions to answer each question:  $\frac{1}{2}$   $\frac{1}{4}$   $\frac{1}{3}$   $\frac{3}{4}$

A man has 6 pets. What fraction of the pets are dogs?



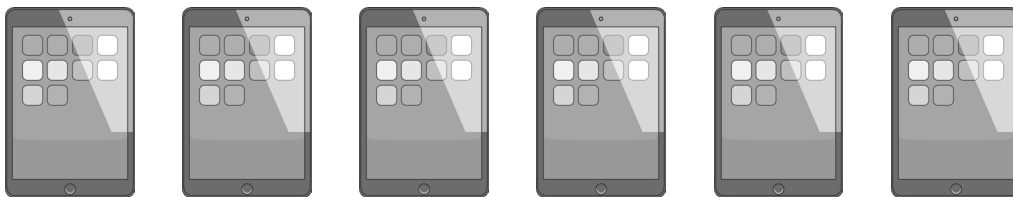
A shop sells 8 t-shirts in 1 day.



What fraction of the t-shirts have a star?

What fraction of the t-shirts are plain?

A class has 12 tablets; after lending some to another class here is how many that they have left.



What fraction do they have left?

4 marks

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:

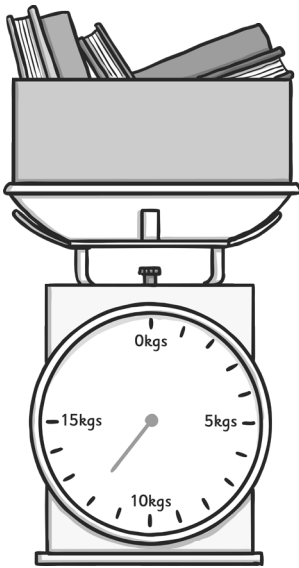
$\frac{1}{2}$  of 16 =        $\frac{1}{4}$  of 12 =        $\frac{1}{3}$  of 18 =

$\frac{1}{2}$  of 24 =        $\frac{1}{4}$  of 20 =        $\frac{1}{3}$  of 9 =

6 marks

Total for this page

b) A box of books is put onto some weighing scales. How much would half of the books weigh?



1 mark

c) Circle the shapes that have the same fraction shaded.



Write the 2 equivalent fractions shown.

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3 marks

Total for this page

question	answer	marks	notes
<b>1. Recognise, find, name and write fractions <math>\frac{1}{3}</math>, <math>\frac{1}{4}</math>, <math>\frac{2}{4}</math>, and <math>\frac{3}{4}</math> of a length, shape, set of objects or quantity.</b>			
a	3 more shaded so 5 are shaded altogether	1	
b	6 segments shaded	1	
c	$\frac{1}{3}$ or $\frac{2}{6}$ , $\frac{1}{4}$	1	
d	6 sausages	1	
e	3 dolls circled 6	2	1 mark for correctly circling 3 dolls. 1 mark for writing '6 dolls'.
f	dogs: $\frac{1}{3}$ star: $\frac{3}{4}$ plain: $\frac{3}{4}$ tablet devices: $\frac{1}{2}$	4	1 mark for each correct answer.
<b>2. Write simple fractions for example, <math>\frac{1}{2}</math> of 6 = 3 and recognise the equivalence of <math>\frac{3}{4}</math> and <math>\frac{1}{2}</math>.</b>			
a	$\frac{1}{2}$ of 16 = <b>8</b> $\frac{1}{4}$ of 12 = <b>3</b> $\frac{1}{3}$ of 18 = <b>6</b> $\frac{1}{2}$ of 24 = <b>12</b> $\frac{1}{4}$ of 20 = <b>5</b> $\frac{1}{3}$ of 9 = <b>3</b>	6	One for each correct answer.
b	6kg	1	
c	$\frac{1}{2}$ and $\frac{3}{4}$ shaded  $\frac{1}{2} = \frac{2}{4}$	3	2 marks for ringing the correct shapes.  1 mark for writing the correct equivalent fractions.
		Total 20	