




Fractions

Baseline Assessment

Name: _____ Date: _____

1. Complete the table.

	What fraction of the whole pizza has been eaten?	What fraction is left?
	$\frac{\square}{\square}$	$\frac{\square}{\square}$
	$\frac{\square}{\square}$	$\frac{\square}{\square}$
	$\frac{\square}{\square}$	$\frac{\square}{\square}$

3 marks

2. If $\frac{1}{2}$ of the clown's balloons popped, how many would be left?

1 mark



3. Sam baked 12 biscuits. He decorated a $\frac{1}{4}$ of them with chocolate icing and the rest with strawberry icing.

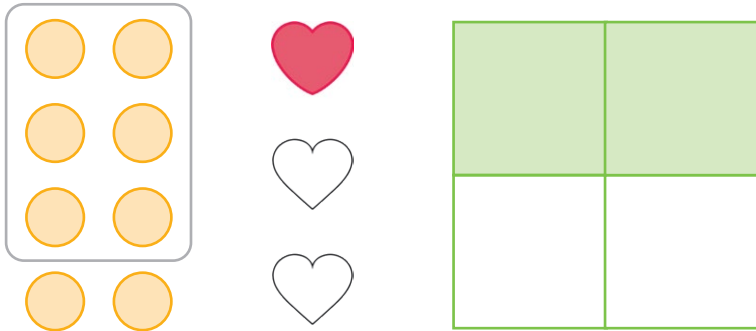


How many cakes were covered with chocolate icing?

How many cakes were covered with strawberry icing?

2 marks

4. Complete the fractions to match the images.



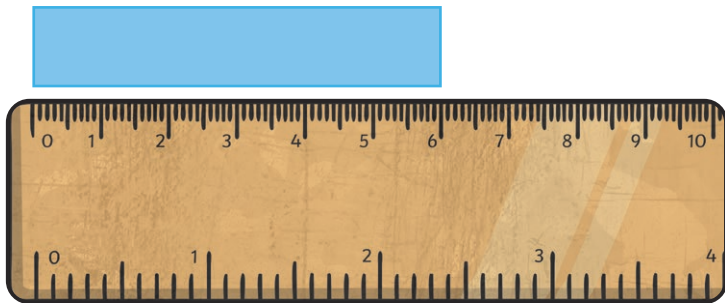
$$\frac{\square}{4}$$

$$\frac{\square}{\square}$$

$$\frac{2}{\square}$$

5. A red ribbon is longer than the blue ribbon by $\frac{1}{2}$.

How long is the red ribbon? cm



6. Bethen is counting up in halves. Identify the next three numbers in her count.



0, $\frac{1}{2}$, 1, $1\frac{1}{2}$, 2, $2\frac{1}{2}$, _____, _____, _____

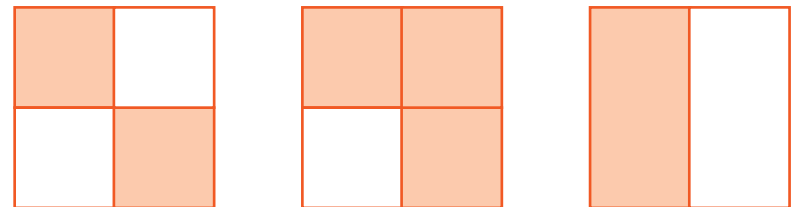
2 marks

7. Calculate the given fraction of each number.

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

2 marks

8. Circle the two fractions that are equivalent (have the same value) to each other?

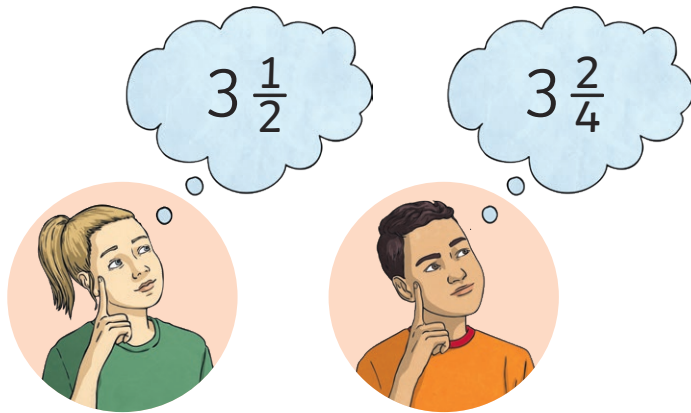
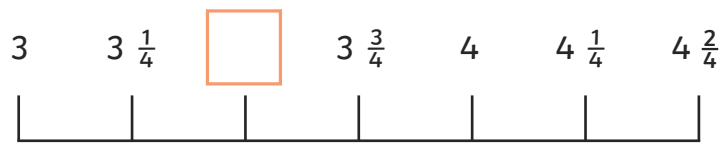


1 mark

2 marks

1 mark

9. Josie and Luca are trying to work out what number is missing from the fraction number line.



Josie

Luca

Who is correct?

Explain your answer.

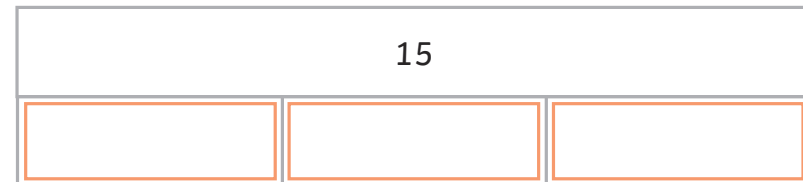
1 mark

10. Split this shape into thirds.



1 mark

11. Work out the value of each of the equal parts in the bar model.



Use the bar model to help you calculate $\frac{2}{3}$ of 15.

2 marks

Total
18 marks