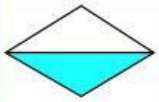
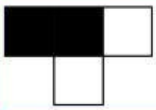
Fractions
End-of-Strand Assessment

Name: _____ Date: _____

1. Complete the table to show what fraction of each image is shaded and what fraction is unshaded.

Image	Shaded	Unshaded
	$\frac{1}{4}$	$\frac{\square}{\square}$
	$\frac{\square}{\square}$	$\frac{\square}{\square}$
	$\frac{\square}{\square}$	$\frac{1}{2}$
	$\frac{\square}{4}$	$\frac{2}{\square}$

2 marks

2. Mason had 10 grapes and he ate half of them. How many were left?

grapes

1 mark

3. There are 20 seeds.

$\frac{1}{4}$ of them are carrot seeds. The rest are tomato seeds.

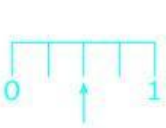
How many are carrot seeds?

How many are tomato seeds?

2 marks

LIVEWORKSHEETS

4. Match the fraction to the image or words.

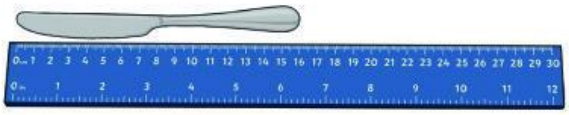


two thirds

$\frac{2}{3}$ $\frac{3}{4}$ $\frac{1}{3}$ $\frac{2}{4}$

2 marks

5. A spoon is half the length of this knife.



How long is the spoon? cm

1 mark

6. Logan is counting in halves. Identify the four fractions that come next in her count.

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

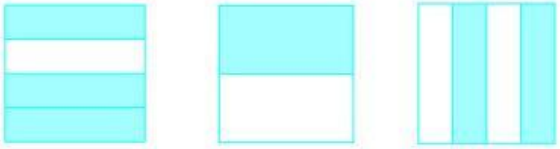
2 marks

7. Calculate each fraction of the amount. Use the counters to help.

$\frac{1}{4}$ of 8 = ☐ $\frac{2}{4}$ of 8 = ☐ $\frac{3}{4}$ of 8 = ☐

2 marks

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



1 mark

LIVEWORKSHEETS

9. a) Circle the fraction that is the odd one out.

$2\frac{1}{2}$ $2\frac{2}{4}$ $3\frac{1}{4}$

b) Explain why.

_____

_____

_____

_____

2 marks

10. How many parts would this circle be equally split into to make thirds? Tick the number.

2 ☐ 3 ☐ 4 ☐ 5 ☐

1 mark

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

b) Use the bar model to help you calculate $\frac{2}{3}$ of 9.

☐

2 marks

12. Holly and Taj have some pizza.

Holly's Plate

Taj's Plate

Altogether, Holly and Taj have more than a whole pizza.

Is this true or false? Explain your answer.

_____

_____

_____

1 mark

Total 19 marks

LIVEWORKSHEETS