Miss Philipps and Mrs Bowers Maths Home Learning

This week we begin a new unit on fractions. We begin with pictorial representations of fractions to aid understanding of fractions as numbers. Remember that you can practise fractions whenever you cut up a pizza or a cake, or break up a bar of chocolate into squares.

There are also useful interactive activities on this website: https://www.topmarks.co.uk/search.aspx?g=fractions

Have fun! Contact us if you need any further help.

Monday 1st March – Equivalent fractions recap

https://vimeo.com/504316253

Tuesday 2nd March – Equivalent fractions

https://vimeo.com/504472462

Wednesday 3rd March – Equivalent fractions

https://vimeo.com/504801539

<u>Thursday 4th March – Fractions greater than 1</u> <u>https://vimeo.com/505143644</u>

<u>Friday 5th March – Count in fractions</u> <u>https://vimeo.com/506082065</u>





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Equivalent fractions (1)

Shade the bar models to represent the equivalent fractions.







 $\frac{4}{5} = \frac{8}{10}$





4

Here is a fraction wall.

$\frac{1}{2}$				<u>1</u> 2					
$\frac{1}{3}$			$\frac{1}{3}$ $\frac{1}{3}$			<u>1</u> 3			
$\frac{1}{4}$		<u>1</u> 4		<u>1</u> 4			<u>1</u> 4		
$\frac{1}{5}$ $\frac{1}{5}$			$\frac{1}{5}$		$\frac{1}{5}$ $\frac{1}{5}$		<u>1</u> 5		
<u>1</u> 6		<u> </u> 5		<u>1</u> 6	<u>1</u> 6		_1 6	5	$\frac{1}{6}$

Is each statement true or false? Tick your answers.

			True	False
a)	$\frac{1}{2}$ is equivalent to	<u>3</u> 6		
b)	$\frac{2}{3}$ is equivalent to	<u>3</u> 4		
c)	$\frac{2}{4}$ is equivalent to	<u>3</u> 6		
d)	$\frac{2}{3}$ is equivalent to	<u>4</u> 5		
e)	$\frac{2}{3}$ is equivalent to	<u>4</u> 6		
f)	$\frac{3}{5}$ is equivalent to	$\frac{4}{6}$		

Write your own equivalent fractions statements. Ask a partner to say if they are true or false.

5	Are the statements always	, son				
	Circle your answer.					
	Draw a diagram to support yo					
	a) The greater the numerat	or, t				
	always	som				
	b) Fractions equivalent to a	one k				
	always	som				
	c) If a fraction is equivaler be double the numerato	ıt to r.				
	always	som				

metimes or never true?

ur answer.

the greater the fraction.

netimes

never

half have even numerators.

netimes

never

one half, the denominator will

netimes

never











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a) Write the fractions in the correct place on the sorting diagram.

	equivalent to 1 3	equivalent to 1
odd denominator		
even denominator		

b) Are any of the boxes empty?

Why do you think this is?

Talk about your answer with a partner.

Find three ways to make the fractions equivalent.





















Whitney bakes 26 muffins. Muffins are packed in boxes of 4

a) How many boxes can Whitney fill?



Whitney can fill

boxes.

b) How many more muffins does Whitney need to fill another box?

muffins to fill another box. Whitney needs Explain how you know.

How does writing $\frac{26}{4}$ help you to answer this?















