Canonbury Home Learning

Year 3 Maths

Steppingstone activity

Lesson 37 LO: To count in fractions (halves)answers

Now you try:

By counting in halves, fill in the missing numbers.

1. 1, 1½, 2, 2½, 3, 3½, 4

2. 6½, 7, 7½, 8, 8½, 9, 9½

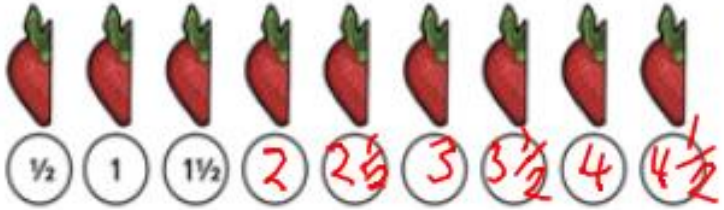
3. ½, 1, 1½, 2, 2½, 3, 3½

4. 3, 3½, 4, 4½, 5, 5½, 6

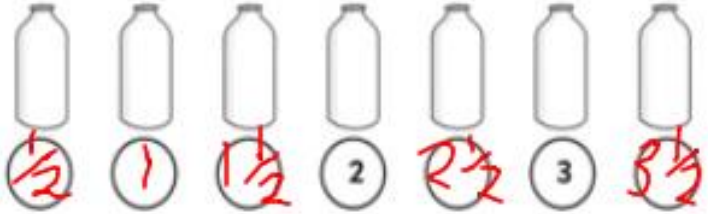
CANONBURY PRIMARY SCHOOL
Create, discover and succeed together

Steppingstone activity

1. How many strawberries are there altogether? Can you count them in halves and fill in the missing numbers?



2. Each bottle has ½ pint of milk in it. How many pints of milk are there altogether? Can you count them in halves and fill in the missing numbers?



3. I have 10 donuts. I have cut them all in half and eat 6 halves. Can you cross out the donuts I eat and count back to show how many are left each time?

4. Rebecca Rabbit can hop ½ metre each time she hops. She takes 11 hops. How far has she travelled? 5½ metres

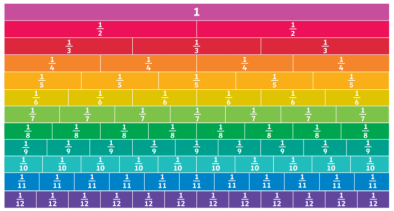
Canonbury Home Learning

Year 3 Maths **Lesson 37**

LO: To find equivalent fractions (continued) **answers**

Success Criteria:

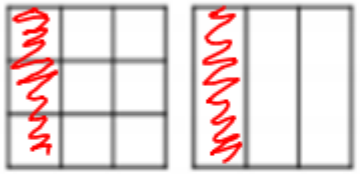
Use the fraction wall on the last page to help with comparing fractions to find equivalents



CANONBURY PRIMARY SCHOOL
Create, discover and succeed together

Now you try:

Complete the table. Can you spot any patterns?

Pictorial representation	Fraction	Words
	$\frac{6}{8} = \frac{3}{4}$	Six eighths is equivalent to three quarters
	$\frac{1}{3} = \frac{3}{9}$	one third is equivalent to three ninths
	$\frac{1}{4} = \frac{3}{12}$	Three twelfths is equivalent to one quarters
	$\frac{4}{12} = \frac{1}{3}$	Four twelfths is equivalent to one third

Canonbury Home Learning

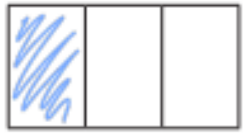
Year 3 Maths – Main activity

CANONBURY PRIMARY SCHOOL
Create, discover and succeed together

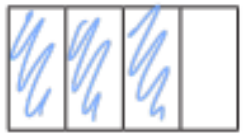
Equivalent fractions (3)

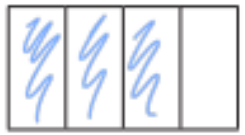
Rose Maths

1 Shade the shapes to help you complete the equivalent fractions.

a)   $\frac{1}{3} = \frac{2}{6}$

b)   $\frac{1}{2} = \frac{3}{6}$

c)   $\frac{3}{4} = \frac{6}{8}$

d)   $\frac{3}{4} = \frac{9}{12}$

2 Use the fraction wall to complete the equivalent fractions.

$\frac{1}{3}$			$\frac{1}{3}$			$\frac{1}{3}$	
$\frac{1}{6}$	$\frac{1}{6}$		$\frac{1}{6}$	$\frac{1}{6}$		$\frac{1}{6}$	$\frac{1}{6}$
$\frac{1}{9}$	$\frac{1}{9}$	$\frac{1}{9}$	$\frac{1}{9}$	$\frac{1}{9}$	$\frac{1}{9}$	$\frac{1}{9}$	$\frac{1}{9}$ $\frac{1}{9}$

a) $\frac{1}{3} = \frac{2}{6}$

b) $\frac{1}{3} = \frac{3}{9}$

c) $\frac{2}{3} = \frac{4}{6}$

d) $\frac{2}{3} = \frac{6}{9}$

e) $\frac{4}{6} = \frac{6}{9}$

e) $\frac{1}{3} = \frac{2}{6} = \frac{3}{9}$

3 Draw a picture to show that one quarter is equivalent to two eighths.

e.g. 

4 Use the fraction wall to decide whether the fractions are equivalent or not.

$\frac{1}{2}$					$\frac{1}{2}$				
$\frac{1}{4}$		$\frac{1}{4}$			$\frac{1}{4}$		$\frac{1}{4}$		
$\frac{1}{5}$		$\frac{1}{5}$		$\frac{1}{5}$		$\frac{1}{5}$		$\frac{1}{5}$	
$\frac{1}{10}$	$\frac{1}{10}$	$\frac{1}{10}$	$\frac{1}{10}$	$\frac{1}{10}$	$\frac{1}{10}$	$\frac{1}{10}$	$\frac{1}{10}$	$\frac{1}{10}$	$\frac{1}{10}$

Complete the sentences using **is** or **is not**.

a) $\frac{1}{2}$ is equivalent to $\frac{2}{4}$

b) $\frac{1}{4}$ is not equivalent to $\frac{2}{10}$

c) $\frac{1}{2}$ is equivalent to $\frac{5}{10}$

d) $\frac{3}{10}$ is not equivalent to $\frac{2}{5}$

e) $\frac{4}{5}$ is equivalent to $\frac{8}{10}$

f) $\frac{3}{4}$ is not equivalent to $\frac{4}{5}$

Write some sentences of your own and ask a partner to fill in the gaps.

5 a) What fraction of each shape is shaded?

$\frac{3}{4}$ $\frac{6}{8}$ $\frac{7}{10}$ $\frac{9}{12}$

b) Use the fractions in part a) to complete the sentences.

e.g. $\frac{3}{4}$ is equivalent to $\frac{6}{8}$

$\frac{3}{4}$ is equivalent to $\frac{9}{12}$

$\frac{6}{8}$ is not equivalent to $\frac{7}{10}$

$\frac{7}{10}$ is not equivalent to $\frac{3}{4}$

Compare answers with a partner.

6 The bar model represents $\frac{1}{2}$

Write as many equivalent fractions as you can.

Various answers.

What is the same about all the fractions you have written?

Canonbury Home Learning

CANONBURY PRIMARY SCHOOL
Create, discover and succeed together

Use this fraction wall to help when comparing fractions to find equivalents: