Canonbury Home Learning

Year 5 Maths

Steppingstone activity

Week 1 Lesson 2 – 21.04.20
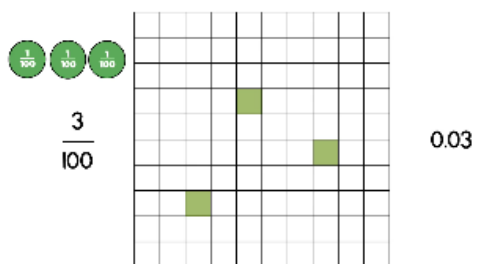
LO: To recognise decimals as fractions

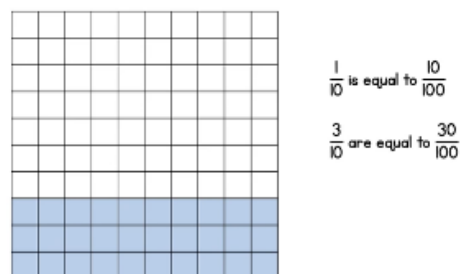**Success Criteria:**

1. Remember 1/100 = 0.01
2. Remember 10/100 = 1/10 = 0.1
3. Remember to use your place value columns from yesterday's work.

Model The decimal point separates the whole numbers from the decimals or parts of the number.

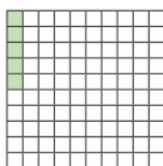**A 100 square can be divided into hundredths**

$\frac{3}{100}$ 0.03

Each row or column is equivalent to one tenth

$\frac{1}{10}$ is equal to $\frac{10}{100}$

$\frac{3}{10}$ are equal to $\frac{30}{100}$

Now you try these:

The hundred square represents 1 whole.

a) What fraction is represented by the shaded squares?

b) Convert the fraction to a decimal.

a) $\frac{1}{100}$ $\frac{1}{100}$ $\frac{1}{100}$ $\frac{1}{100}$

fraction = ☐   decimal = ☐

b) $\frac{1}{100}$ $\frac{1}{100}$ $\frac{1}{100}$ $\frac{1}{100}$ $\frac{1}{100}$ $\frac{1}{100}$

fraction = ☐   decimal = ☐

c) $\frac{1}{10}$ $\frac{1}{10}$ $\frac{1}{10}$ $\frac{1}{10}$ $\frac{1}{10}$ $\frac{1}{10}$ $\frac{1}{10}$

fraction = ☐   decimal = ☐

Year 5 Maths

Week 1 Lesson 1 – 21.04.20
LO: To recognise decimals as fractions
Success Criteria:

You are going to practise Decimals!
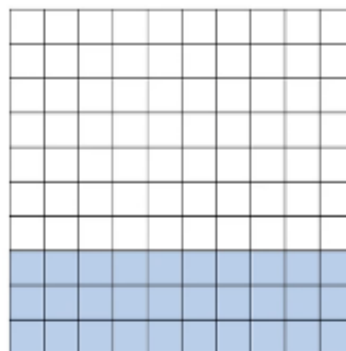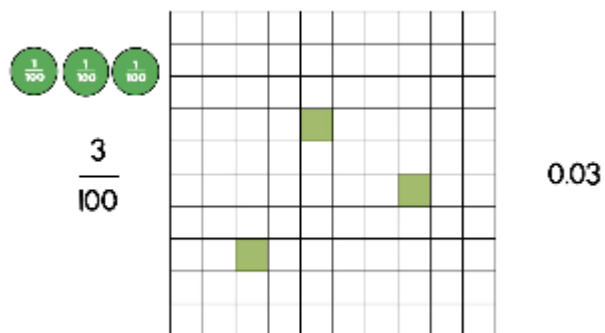
Success Criteria:

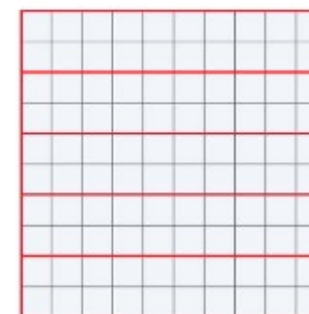| |
|---|
| 1. Remember 1/100 = 0.01 |
| 2. Remember 10/100 = 1/10 = 0.1 |
| 3. Remember to use your place value columns from yesterday's work. |

Model:

A 100 square can be divided into hundredths split into fifths – every 2 rows is 1/5

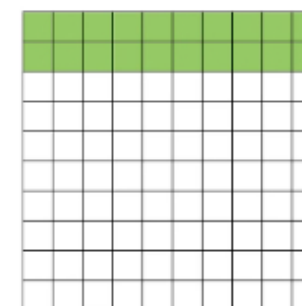**Each row or column is equivalent to one tenth**

A 100 square can also be

$\frac{3}{100}$

0.03

$\frac{1}{10}$ is equal to $\frac{10}{100}$

$\frac{3}{10}$ are equal to $\frac{30}{100}$

$\frac{1}{5}$

$\frac{1}{5} = \frac{2}{10} = 0.2$

Year 5 Maths
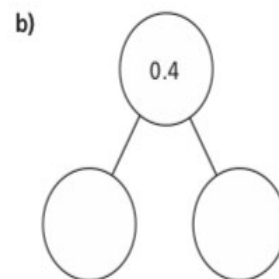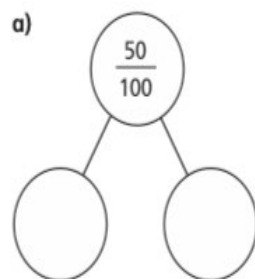
Main activity Week 3 Lesson 2 – 21.04.20

Complete at least 2 columns, more if you can!

Complete the table.

Fifths	Tenths	Decimals
$\frac{1}{5}$	$\frac{\square}{10}$	0.2
$\frac{\square}{5}$	$\frac{4}{10}$	
		0.6
$\frac{4}{5}$	$\frac{8}{\square}$	

Complete the part-whole models using fractions or decimals.

a)

b)

Compare answers with a partner.

Write <, > or = to complete the statements.

a) 0.4 $\bigcirc$ $\frac{40}{100}$
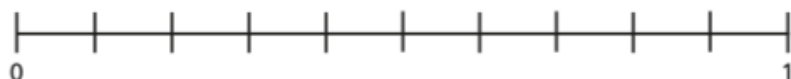
b) 0.02 $\bigcirc$ $\frac{20}{100}$

c) 0.6 $\bigcirc$ $\frac{6}{10}$

d) 0.5 $\bigcirc$ $\frac{5}{100}$

e) 0.88 $\bigcirc$ $\frac{88}{100}$

f) 0.88 $\bigcirc$ $\frac{89}{100}$
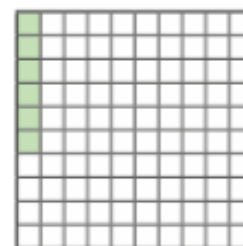
Here is a number line.

| 0.3 | 0.75 | 0.15 | 1.0 |

Draw arrows from the numbers to show their place on the line.

Huan says he has coloured 0.6 of the hundred square.

Explain the mistake that Huan has made.