# Year 3 Maths Week 1

Each day you will have a maths task of some sort to do. To complete the task, make sure you have written the date on the page you are working on, write Maths and then the lesson number, then write the question. Sometimes the questions may be broken up into smaller parts like a), b), c) so you just need to write down the smaller part as well. Write with a pencil.

Monday 23rd of March 2020
Maths
Lesson 1
1-
a) 2+2 = 4
b) 4+4 = 8

On top of your task, you will also have a Fluency in 5 task. This is 5 minutes a day to help you increase your mental maths. There will be a few questions to answer each day and the document will tell you how you should answer them. Please try not to go ahead, try your best to answer before looking at the answers. Remember it is only a 5 minute task to help boost your maths brain, it doesn't work if you try and do them all in one go!

## Monday 23rd of March

## Lesson 1

## L.O. To know part and whole.

1. What is a fraction?
2. What is a numerator?
3. What is a denominator?

4) Complete the sentences to describe the fruit.

a) $\frac{\square}{\square}$ of the fruits are apples.

b) $\frac{\square}{\square}$ of the fruits are bananas.

c) $\frac{\square}{\square}$ and $\frac{\square}{\square}$ make one whole.

5) Which of these fractions represent one whole? Explain your answer.

$\frac{4}{6}$ $\frac{1}{7}$ $\frac{2}{2}$

6)

a) Use the image to fill the gaps in the fractions.

$\frac{\square}{7}$ and $\frac{2}{\square}$ and $\frac{\square}{\square}$ make $\frac{\square}{7}$

b) Complete the fractions to describe this image.

$\frac{\square}{\square}$ and $\frac{\square}{\square}$ make $\frac{\square}{4}$

## Tuesday 24th of March

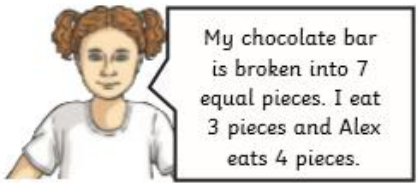
## Lesson 2

## To know part and whole.

1) Choose two fractions that together make one whole. Explain why you chose those fractions.

$\frac{1}{8}$ $\frac{8}{8}$ $\frac{7}{8}$ $\frac{4}{8}$

2)



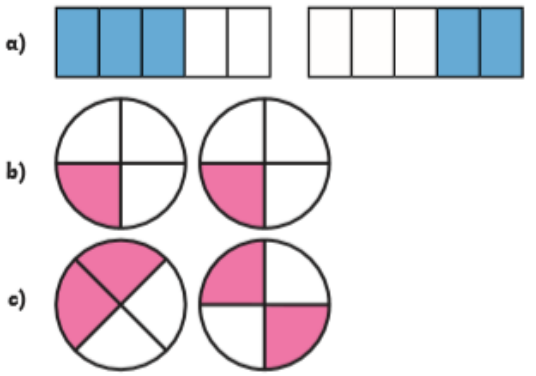

**a)** Does Brianne have any chocolate left? Explain your reasoning.

**b)** Did Alex eat more or less chocolate that Brianne? Use a bar model.

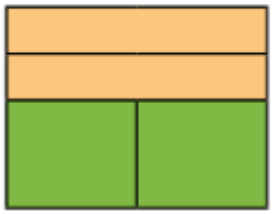
3) True or false?

$\frac{8}{8}$ and $\frac{6}{6}$ are both equal to one whole. Choose an appropriate method to explain.

4) Which pair of shapes is the odd one out? Explain with reasoning.




5) All parts of this shape are equal. Do you agree? Explain your reasoning.



6) What fraction of the bar does each section represent?

## Wednesday 25th of March

## Lesson 3

## L.O. To know unit and non-unit fractions.

1) What is a unit fraction?

2) What is a non-unit fraction?

3) a) Draw $\frac{1}{2}$ $\frac{1}{3}$ $\frac{1}{4}$ $\frac{1}{5}$ in rectangles.

b) What's the same?

c) What's different?

4)

a) What fraction is shaded?

b) What fraction is not shaded?

5)

a) What is the same about the fractions?

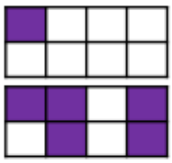
b) What is different?

## Thursday 26th of March

## Lesson 4

## L.O. To know unit and non-unit fractions.

1) Complete the sentences to describe the images.



___ out of ___ equal parts are shaded.

__/__ of the shape is shaded.

2)

a) Draw 2 circles like this.

b) Shade one fifth of the first circle.

c) Shade three fifths of the second circle.

3) Here are some bean bags.

a) How many bean bags are in one fifth?

b) How many bean bags are in two fifths?

4) What is the same and what is different between one fifth and three fifths?

5) Rewrite and fill in the blank spaces

A unit fraction always has a numerator of _____
A non-unit fraction has a numerator that is _____ than _____
An example of a unit fraction is _____
An example of a non-unit fraction is ____

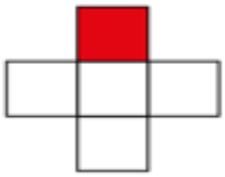
## Friday 27th of March

## Lesson 5

## L.O. To know Unit and Non-unit Fractions

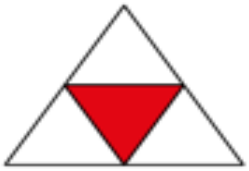
1) Write the Unit Fraction that is shaded in as a fraction and words.

a)



b)

c)



d)

e)

2) Draw and complete this grid.

| Part | Part as a fraction of the whole | Number of equal parts in the whole | Whole |
|---|---|---|---|
|  | $\frac{1}{2}$ | | |
|  | $\frac{1}{3}$ | | |
|  | $\frac{1}{4}$ | | |
|  | $\frac{1}{5}$ | | |