



# MBUYA PARENTS' SCHOOL

## PRIMARY THREE HOLIDAY WORK FOR TERM 1 2020 - WEEK 9

### MATHEMATICS

NAME \_\_\_\_\_ STREAM \_\_\_\_\_

## Lesson one and two

### Fractions

A fraction is a part of a whole.

The whole is always cut or divided into equal parts.

Names and parts of a fraction.

- Numerator- top number
- Denominator- bottom number.
- A whole number.

### Types of fractions

**Proper fractions:** - These are fractions that have their top number smaller than the bottom number.

e.g.  $\frac{1}{2}$ ,  $\frac{1}{3}$ ,  $\frac{3}{5}$ ,  $\frac{63}{89}$

### Improper fractions

These are fractions that have top number bigger than the bottom number.

e.g.

$\frac{9}{5}$ ,  $\frac{12}{7}$ ,  $\frac{15}{2}$

### Mixed fractions

These are fractions that have both whole numbers and fractions.

e.g.

$2\frac{1}{4}$ ,  $3\frac{2}{5}$ ,  $4\frac{1}{3}$

## **Activity**

**1 Define** the tern fraction

2. Write down the types of fractions

3. Give three examples of fractions in each type of the fractions named above

4. Get an orange, cut it into three equal parts vertically. Write the fraction each part represents

## **Lesson three**

### **Writing fractions in words**

$\frac{1}{2}$  - A half

$\frac{1}{5}$  - One fifth or a fifth

### **Writing word fractions in figures**

1) Three seventh =  $\frac{3}{7}$

2) Four ninth =  $\frac{4}{9}$

## **Activity**

**1. Write the following fractions in words**

a)  $\frac{2}{3}$                       b)  $\frac{1}{5}$

**2. Write the following word fractions in figures**

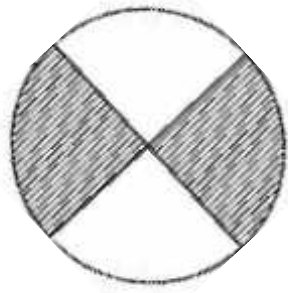
a) Four tenth

b) Five ninth

c) Eight tenth

# Lesson five

## Shaded and un-shaded fractions



2 of the 4 parts shaded  $\frac{2}{4}$

2 of the 4 parts un-shaded  $\frac{2}{4}$

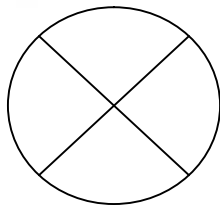
## Drawing and shading given fractions

$\frac{2}{5}$



## Activity

1. Shade  $\frac{3}{4}$  in the diagram below



2 Shade two fifth of the diagram below



3. Draw a diagram and shade  $\frac{1}{2}$  of it