Plot 48 Muwaire Rd (behind IHK Hospital)
P.O.BOX 5337, KAMPALA - UGANDA
Tel: 256783111908
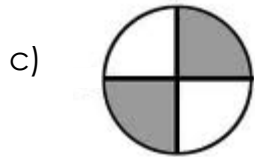**Email: info@stagnes.co.ug**
Website: www.stagnes.co.ug

P.2 LESSON NOTES WEEK 1 PHASE TWO

LESSON 1

Shading fractions and naming shaded and un shaded fractions

a)   shade $\dfrac{1}{2}$ shaded part is $\dfrac{1}{2}$

b)   shade $\dfrac{2}{6}$ shaded fraction is $\dfrac{2}{6}$

c)

unshaded fractions

a)   Unshaded fraction = $\dfrac{3}{4}$

b)
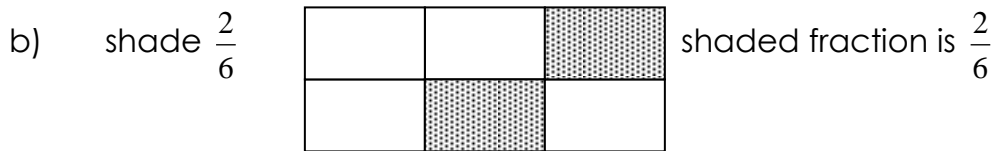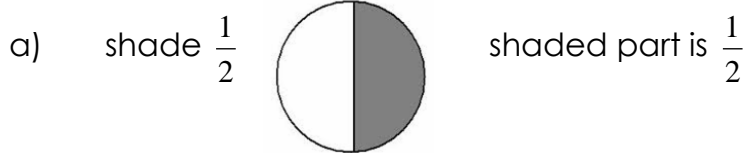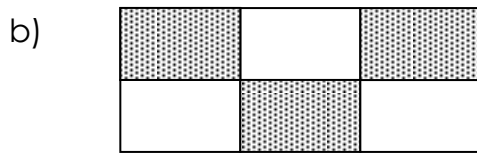
LESSON 2

Reading fractions and writing them in words .

$\dfrac{1}{3}$ a third $\dfrac{1}{8}$ an eighth

$\dfrac{1}{4}$ a quarter $\dfrac{1}{10}$ a tenth

$\dfrac{1}{5}$ a fifth

Activity

Write these fractions in words

$\frac{1}{2}$ = $\frac{1}{7}$ =

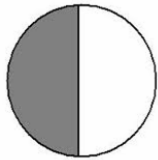$\frac{1}{3}$ = $\frac{1}{4}$ =
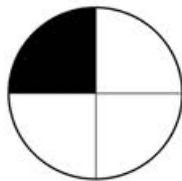
$\frac{1}{6}$

LESSON 3

Comparing fractions(practical work)

Cut and compare the shaded parts.

1.

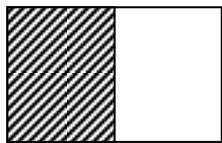$\frac{1}{2}$ $\frac{1}{4}$

Which fraction is bigger a $\frac{1}{2}$ or $\frac{1}{4}$?

1 is bigger than $\frac{1}{4}$.

2

2.

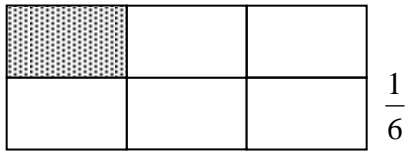$\frac{1}{2}$ **is bigger than** $\frac{1}{3}$

Which fraction is smaller?

1.

$\frac{1}{3}$ $\frac{1}{4}$

$\frac{1}{4}$ **is smaller than** $\frac{1}{3}$

2. a)

$\frac{1}{6}$

$\frac{1}{2}$

LESSON 4

Denominators _ numbers down.

Numerators – the numbers on top.

<u>Arranging fractions in order</u>

Ascending order (from the smallest to the biggest)

Examples

a) $\frac{1}{3}$, $\frac{1}{4}$, $\frac{1}{2}$

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

b) $\frac{1}{3}$, $\frac{1}{5}$, $\frac{1}{6}$.

$= \frac{1}{6}$, $\frac{1}{5}$, $\frac{1}{3}$

Activity

Arrange these fractions in ascending order

<u>Descending order</u>

Arranging from the biggest to the smallest.

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

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

2) $\dfrac{1}{5}, \dfrac{1}{6}, \dfrac{1}{10}, \dfrac{1}{7}$ Note: The bigger the denominator the smaller the fraction.

$= \dfrac{1}{5}, \dfrac{1}{6}, \dfrac{1}{7}, \dfrac{1}{10}$

LESSON 5

Addition of fractions with the same denominators.

a) $\dfrac{1}{4} + \dfrac{2}{4} = \dfrac{2+1}{4} = \dfrac{3}{4}$

b) $\dfrac{2}{6} + \dfrac{1}{6} = \dfrac{2+1}{6} = \dfrac{3}{6}$

c) $\dfrac{7}{15} + \dfrac{4}{15} = \dfrac{7+4}{15} = \dfrac{11}{15}$

e) $\dfrac{1}{8} + \dfrac{1}{10} = \dfrac{1+8}{10} = \dfrac{9}{10}$