

# Term I st Assignment (continued)

CLASSMATE

Date: 1

Page: 1

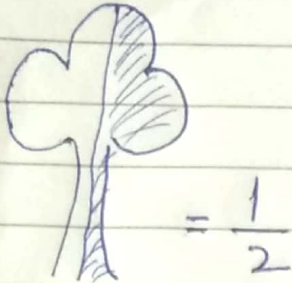
6<sup>th</sup> Standard

## FRACTIONS

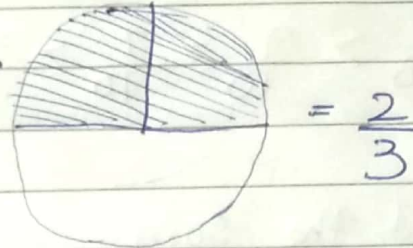
EX 5.1

Qno 1 Write the fraction for the shaded part

a.



b.



There are two equal parts  
shaded portion = 1

$\therefore$  fraction for shaded =  $\frac{1}{2}$   
Part

Total parts = 3

Shaded = 2

$\therefore$  fraction for shaded part =  $\frac{2}{3}$

Qno 2 Circle the smallest fraction

a  $\frac{2}{7}, \frac{4}{7}, \frac{1}{7}$

Since all the fractions have same denominator  
 $\therefore$  the fraction having the smallest numerator  
is the smallest fraction

$\frac{1}{7}$  is the smallest fraction.

b  $\frac{6}{12}, \frac{9}{12}, \frac{11}{12} = \frac{6}{12}$  is the smallest fraction

Qno 3 Arrange the following fractions in ascending order

a  $\frac{5}{8}, \frac{2}{8}, \frac{6}{8}, \frac{3}{8}$

Ans  $\frac{2}{8} < \frac{3}{8} < \frac{5}{8} < \frac{6}{8}$

Qno 4 Arrange the following in descending order

$$a \quad \frac{9}{10}, \frac{3}{10}, \frac{7}{10}, \frac{10}{10}$$

$$= \frac{10}{10} > \frac{9}{10} > \frac{7}{10} > \frac{3}{10}$$

Q5 Find the sum

$$a \quad \frac{1}{4} + \frac{1}{4}$$

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

$$b \quad 2 + 1 + \frac{1}{2}$$

$$= \frac{2}{1} + \frac{1}{1} + \frac{1}{2} = 3 + \frac{1}{2}$$

$$= \frac{6+1}{2} = \frac{7}{2}$$

$$c \quad 1\frac{1}{8} + 1\frac{3}{8}$$

$$\frac{9}{8} + \frac{11}{8} = \frac{20}{8} = \frac{5}{2}$$

Q6 Find the difference

$$a \quad \frac{4}{9} - \frac{1}{9} = \frac{4-1}{9} = \frac{3}{9} = \frac{1}{3}$$

$$b \quad \frac{5}{8} - \frac{0}{8} = \frac{5-0}{8} = \frac{5}{8}$$

$$c \quad 7\frac{3}{4} - 7\frac{1}{4} = \frac{31}{4} - \frac{29}{4} = \frac{31-29}{4} = \frac{2}{4} = \frac{1}{2}$$