Department of Education, Sabaragamuwa Province – Weekly School

Grade: 6 | Subject: - Mathematics | Week : 16

Unit: - Fractions (First week)

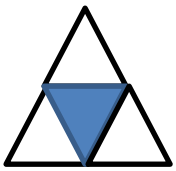
Number of Periods: 12

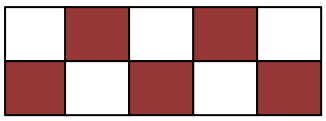
- Clearly understand the pages 112 and 113 in the text book.

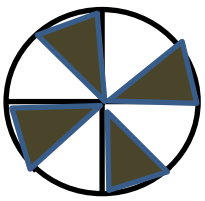
Write down the coloured quantity in each figure as a fraction of whole figure and the method of reading it.

Ex: - =  $\frac{1}{3}$ (one third)

 = ... (.....)

 = ... (.....)

 = ... (.....)

 = ... (.....)

Fractions which are less than one and greater than zero are known as proper fractions.

Separate and write proper fractions from the following numbers.

$\frac{2}{3}$, $\frac{4}{4}$, $\frac{8}{5}$, $\frac{1}{4}$, $\frac{1}{3}$, $\frac{5}{7}$, $\frac{7}{4}$, $\frac{2}{7}$, $1\frac{2}{3}$

- Complete the exercise 9.1 in the pages 115 and 116 in the text book.

M/Sir

- Clearly Understand the portion "The denominator and the numerator of a fraction" the page number 116 in the text book.

Fractions with numerator equal to one are known as unit fractions.

Ex :- $\frac{1}{3}, \frac{1}{7}, \frac{1}{8}, \frac{1}{100}, \ldots\ldots\ldots$

- Complete the exercise 9.2 in the text book.

- understand the pages 118 and 119 in the text book. Through that explain about equivalent fractions.

The fraction obtain by multiplying both the numerator and the denominator of a fraction by the same whole number (Except zero) is equivalent fraction to the first fraction.

Select the equivalent fractions and joint them.

$\frac{2}{3}$	$\frac{15}{21}$
$\frac{5}{7}$	$\frac{4}{6}$
$\frac{3}{4}$	$\frac{16}{20}$
$\frac{4}{5}$	$\frac{6}{21}$
$\frac{2}{7}$	$\frac{9}{12}$

The fraction obtains by dividing both the numerator and the denominator of a fraction by the same whole number (where the division gives zero remainder) is equivalent fraction to the first fraction.

- Fill in the blanks with a suitable value so that you obtain equivalent fractions.

$\frac{7}{14} = \frac{\quad}{2}$ $\qquad$ $\frac{15}{24} = \frac{5}{\quad}$ $\qquad$ $\frac{3}{6} = \frac{\quad}{\quad}$

$\frac{12}{18} = \frac{2}{\quad}$ $\qquad$ $\frac{20}{30} = \frac{2}{\quad}$ $\qquad$ $\frac{18}{24} = \frac{3}{\quad}$

- Complete the exercise 9.3 in the page number 121 of the text book.

M/Sir