



INDIAN SCHOOL DARSAIT
DEPARTMENT OF MATHEMATICS



Subject : Mathematics Topic (8) : Fractions Date of Worksheet : 16/10/2017

Resource Person: Mrs. Jayalakshmi Ratish

Date : 26/10/17

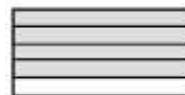
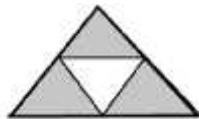
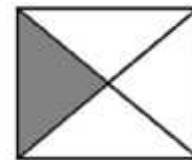
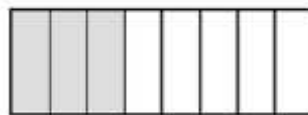
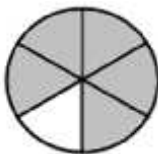
Name of the Student : _____ Class & Division : VI Roll Number : ____

Section A - Basic Skills

- 1 Arrange in ascending order : $\frac{5}{7}, \frac{2}{7}, \frac{1}{7}, \frac{7}{7}$
- 2 Convert each of the following fractions into a mixed fraction : (a) $\frac{7}{1}$ (b) $\frac{1}{8}$
- 3 Ranjini bought $\frac{5}{8}$ m of ribbon and Sunita bought $\frac{5}{8}$ m of ribbon. What is the total length of ribbon they bought?
- 4 Arrange in descending order : $\frac{8}{5}, \frac{8}{2}, \frac{8}{8}, \frac{8}{1}, \frac{8}{9}$
- 5 (a) What fraction of a day is 7 hours?
(b) What fraction of an hour is 31 minutes?
(c) What fraction of a metre is 20 cm?
- 6 Write all natural numbers from 68 to 75. What fraction of them are multiples of 3?

Section B

- 7 Identify the fraction representing shaded part –



- 8 Reduce the following fractions into their lowest terms :
- (a) $\frac{6}{2}$ (b) $\frac{4}{6}$ (c) $\frac{2}{1}$ (d) $\frac{4}{1}$ (e) $\frac{7}{1}$
- 9 A boy reads $\frac{2}{3}$ of a book on the first day and $\frac{1}{5}$ on the second day. On which day did he read major part of the book?

- 10 Arrange in ascending order :
- (a) $\frac{8}{9}, \frac{8}{1}, \frac{8}{5}, \frac{8}{1}, \frac{8}{1}, \frac{8}{2}$
- (b) $\frac{2}{7}, \frac{4}{7}, \frac{2}{7}, \frac{1}{7}, \frac{1}{7}$
- (c) $\frac{8}{9}, \frac{5}{1}, \frac{5}{6}, \frac{2}{3}$
- 11 Naresh bought $2\frac{2}{3}$ kg of sugar, Ramesh bought $3\frac{1}{3}$ kg of sugar and Sunil bought $\frac{4}{3}$ kg of sugar. Find the total weight of sugar bought by them.
- 12 Vibha bought a notebook for ₹ $13\frac{2}{5}$, an eraser for ₹ $1\frac{3}{4}$ and a pen for ₹ $11\frac{2}{3}$. What is the total amount she paid?
- 13 Anil takes $17\frac{1}{3}$ minutes to run around the school ground. Sunil takes $12\frac{1}{5}$ minutes to do the same. Who takes lesser time and by what fraction?
- 14 A labourer earned ₹ $152\frac{2}{3}$ and out of this money ₹ $82\frac{1}{3}$. How much money is left with him?
- 15 Simplify the following –
- (a) $\frac{7}{8} + \frac{1}{1}$ (b) $\frac{1}{1} + \frac{1}{1}$ (c) $\frac{6}{1} + \frac{8}{1}$ (d) $\frac{3}{4} + \frac{7}{1}$ (e) $5 - 3\frac{1}{2}$

Section C – HOTS

- 16 There are 12 balls in a packet. $\frac{1}{4}$ of them are yellow in color. How many yellow balls are there?
- 17 The shadow of a tree was $8\frac{5}{8}$ m in the morning. It reduced by $7\frac{3}{7}$ m by noon and then gained another $5\frac{2}{3}$ m in the afternoon. What was the length of the shadow in the afternoon?