

DAVPUBLIC SCHOOL, S.P. MINES, CHITRA  
HOME ASSIGNMENT FOR SUMMER VACATION-2019-20  
CLAS-VII-C SUB:Maths

1. Find the equivalent forms of rational numbers having a common denominator.

a.  $\frac{2}{5}, \frac{6}{13}, 5, \frac{1}{7}, \frac{2}{8}, \frac{3}{14}$

2. Arrange the following in ascending order

$\frac{4}{7}, \frac{5}{9}, \frac{2}{5}$

3. Represent  $5\frac{1}{3}$  and  $2\frac{5}{4}$  on number ring.

4. Verify :-

a.  $X + (y + z) = (x + y) + z$

For  $x = \frac{3}{5}, y = \frac{6}{9}, z = \frac{2}{10}$

b.  $x = \frac{2}{3}, y = \frac{5}{6}, z = \frac{7}{9}$

5. Simplify :-

(i)  $\frac{-5}{10} + \frac{9}{7} + \frac{3}{20} + \frac{-11}{14}$

(ii)  $\frac{5}{36} - \frac{7}{8} + \frac{6}{-72} + \frac{8}{12}$

6. Verify :  $X + (y+z) = x + y + x + z$

For  $x = \frac{1}{10}, y = \frac{-3}{5}, z = \frac{7}{20}$

7. Find the value of the expressions:  $(x-y)-z$  and  $x-(y-z)$ , are the equal.

8. Find three rational nos. between (i)  $\frac{4}{13}$  and  $\frac{1}{13}$  (ii)  $\frac{-7}{10}$  and  $\frac{11}{10}$ .

Project – represent rational number on number line.