## 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  $2\frac{9}{4}$  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) 
$$\frac{5}{36} - \frac{7}{8} + \frac{6}{-72} + \frac{3}{12}$$

6. Verify:  $X \div (y+z) \neq x \div y + x \div z$ 

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.