

DAV PUBLIC SCHOOL SASARAM

WORKSHEET 1

LESSON 2

MATHS ,VII E,F

Q.1 Add the followings

(a)  $\frac{4}{9} + \frac{7}{4}$

(b)  $\frac{10}{63} + \frac{6}{7}$

(c)  $\frac{5}{8} + \frac{35}{7}$

(d)  $\frac{101}{9} + \frac{5}{3}$

2. Subtract

(a)  $\frac{15}{3}$  from  $-\frac{8}{9}$

(b)  $\frac{7}{11}$  from  $\frac{7}{6}$

(c)  $\frac{8}{7}$  from 0

(d)  $-\frac{5}{7}$  from  $\frac{2}{9}$

3. Verify  $X + Y = Y + X$  for the following value of X and Y.

(a)  $X = -\frac{5}{14}$  ,  $Y = -\frac{3}{21}$

(b)  $X = -6$  ,  $Y = \frac{7}{2}$

Q.3. Simplify

(a)  $8 + \frac{5}{6} + -\frac{7}{8}$

(b)  $\frac{5}{6} + \frac{5}{36} + \frac{7}{8} + -\frac{9}{4}$

Q.4. What number should be added to  $-\frac{5}{7}$  to get 3 ?

Q.5. What number should be subtracted from -2 so as to get  $\frac{7}{3}$  ?

Q.6. Write true or false.

- a)  $-\frac{8}{7} + 0 = 0$
- b) Additive inverse of  $-\frac{7}{8}$  is  $\frac{7}{8}$ .
- c) 1 is the identity element of addition.
- d) Negative of a rational number is always negative.
- e)  $\frac{5}{7} + \frac{3}{8}$  is a rational number.