**JESUS AND MARY SCHOOL AND COLLEGE**

**CLASS-6 ( MATHS )**

**CHAPTER NAME – FRACTIONS**

**WORKSHEET -2**

 Date: 11/05/2020

**Q.1- Convert the following improper fractions into mixed fractions:**

 i) $\frac{100}{9}$ ii) $\frac{260}{70}$ iii) $\frac{45}{4}$ iv) $\frac{112}{13}$

**Q.2- Convert the following mixed fractions into improper fractions:**

 i) $2\frac{3}{4}$ ii) $1\frac{2}{3}$ iii) $7\frac{1}{4}$ iv) $5\frac{3}{9}$

**Q.3- Subtract the following:**

 i) $\frac{3}{7}-\frac{5}{28}$ ii) $8\frac{1}{9}-\frac{1}{4}$ iii) $\frac{1}{7}-\frac{3}{4}-\frac{4}{9}$

**Q.4- Multiply:**

 i) $\frac{3}{7}×\frac{14}{4}$ ii) $\frac{4}{5}×5$ iii) $\frac{2}{7}×\frac{3}{4}×\frac{7}{8}$

**Q.5- Simplify:**

 i) $\frac{2}{3}÷\frac{1}{9}$ ii) $\frac{5}{6}÷1\frac{1}{9}$ iii) $1\frac{2}{5}÷\frac{2}{5}$

**Q.6- Simplify the following:**

 i) $\frac{1}{3}-\frac{2}{7}+\frac{5}{9}$

 ii) $ 1\frac{2}{3}+2\frac{3}{10}-3\frac{1}{4}$

 iii) $\frac{2}{3}-\frac{4}{5}+\frac{1}{3}+\frac{7}{10}$

 iv) $ 3\frac{1}{2}×\frac{1}{12}÷1\frac{1}{3}$

 v) $ 1\frac{1}{4} of 3\frac{1}{3}÷\frac{3}{4}+1\frac{1}{2}$

 vi) $ \frac{3}{4}÷\left(\frac{1}{6}÷\frac{1}{2}\right)$

 vii) $ 6+\left(\frac{2}{3}-\frac{7}{9}\right)$

viii) $ \frac{1}{5}×50÷25$

**Note**- **Please do this assignment in your old copies. It will be checked when the school re-opens.**

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 **SOLUTION TO WORKSHEET-1**

**(uploaded on 04/05/2020)**

Solution 1 **:** (i)-(b)  (ii)-(a)  (iii)-(c)  and 

 (iv)-(c)  (v)-(d) and 

Solution 2 : Refer to the book for definition.

Solution 3 : Refer to the book for all definitions.

Solution 4 : (i)  (ii)  (iii)  (iv) 

Solution 5 : (i) 21 (ii) 9 (iii) 6 (iv) 4

Solution 6 : (i)  (ii)  (iii)  (iv) 

 (v)  (vi) 