

CLASS –VII

Maths

Date:-17/04/2020

CHAPTER 2 – FRACTIONS

- Watch the online videos “Fraction and Decimals -Lecture 1” from Optimum Online E-Learning Platform and try to comprehend the concepts of Frctions. After that try to solve the questions given in your assignment.
- Fraction and Decimals - Lecture 1
- Fraction and Decimals - Lecture 2

1. Find the sum:

- $(5/9) + (3/9)$
- $(8/9) + (7/12)$
- $[3(4/5)] + [2(3/10)] + [1(1/15)]$

2. Find the difference:

- $(5/7) - (2/7)$
- $(5/6) - (3/4)$
- $[3(1/5)] - (7/10)$
- $[3(3/10)] - [1(7/15)]$

3. Simplify:

- $(2/3) + (5/6) - (1/9)$
- $8 - [4(1/2)] - [2(1/4)]$
- $[8(5/6)] - [3(3/8)] + [1(7/12)]$

4. Aneeta bought $[3(3/4)]$ kg apples and $[4(1/2)]$ kg guava. What is the total weight of fruits purchased by her?

5. Find the product:

- $(3/5) \times (7/11)$
- $(5/8) \times (4/7)$
- $(4/9) \times (15/16)$
- $(2/5) \times 15$ v. $[5(5/6)] \times [1(5/7)]$

6. Simplify:

I. $(\frac{2}{3}) \times (\frac{5}{44}) \times (\frac{33}{35})$

II. $(\frac{12}{25}) \times (\frac{15}{28}) \times (\frac{35}{36})$

III. $(\frac{10}{27}) \times (\frac{28}{65}) \times (\frac{39}{56})$

IV. $[3(\frac{1}{16})] \times [7(\frac{3}{7})] \times [1(\frac{25}{39})]$

V. $[2(\frac{2}{17})] \times [7(\frac{2}{9})] \times [1(\frac{33}{52})]$

7. Apples are sold at ₹ $[48(\frac{4}{5})]$ per kg. What is the cost of $[3(\frac{3}{4})]$ kg of apples?

8. Cloth is being sold at ₹ $[42(\frac{1}{2})]$ per meter. What is the cost of $[5(\frac{3}{5})]$ meters of this cloth?

9. A car covers a certain distance at a uniform speed of $[66(\frac{2}{3})]$ km per hour. How much distance will it cover in 9 hours?

10. One tin holds $[12(\frac{3}{4})]$ liters of oil. How many liters of oil can 26 such tins hold?

****Link of Optimum Online E-Learning Platform:- www.optimumschool.net/online**

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