St. Andrews Scots Sr. Sec. School

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Session:2024-25

Worksheet

Class: VII	Subject: Mathematics	Topic: Fractions and decimals	Worksheet 4

Q1. Simplify:

(i) $\frac{2}{3} + \frac{1}{6} - \frac{2}{9}$

(ii) $12 - \frac{1}{2}$

Q2. What should be added to $\frac{4}{3}$ to get $\frac{9}{20}$?

Q3. Multiply:

(i) $\frac{7}{11}$ by $\frac{22}{49}$

(ii) $\frac{9}{20}$ by 25

Q4. Shikha plants 5 saplings in a row in her garden. The distance between two adjacent saplings is ¾ m. Find the distance between the first and the last sapling.

Q5.Simplify:

(i) (3/10) ÷ (10/3)

(ii) 4 3/5 ÷ (4/5)

Q6.By selling oranges at the rate of Rs 5 1/4 per orange, a fruit-seller gets Rs 630. How many dozens of oranges does he sell?

Q7. In mid-day meal scheme (3/10) liter of milk is given to each student of a primary school. If 30 liters of milk is distributed every day in the school, how many students are there in the school?

Q8. Rakesh bought a new. He went on a road trip of 165.9 km on bike. After a week he went for another trip of 102.04 km. What will be the reading on meter reader of the bike?

Q9.A barrel has 56.32 liters capacity. If Supriya used 21.19 liters how much water is left in the barrel.

Q10.Convert the following fractions into decimals: a) $\frac{9}{20}$

b) $\frac{3}{7}$

c) $\frac{6}{15}$