

St. Andrews Scots Sr. Sec. School

9th Avenue, I.P. Extension, Patparganj, Delhi – 110092

Session: 2026-27

Worksheet

Class: VII	Subject: Mathematics	Topic: (A peek beyond the point) Fractions and decimals	Worksheet 5
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Q1. Simplify:

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

(ii) $10.75 + 28.5 \times 2.5$

Q2 (a) What must be multiplied by 2.4 to get 3?

(b) 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 $\frac{3}{4}$ m. Find the distance between the first and the last sapling.

Q5. Simplify:

(i) $(\frac{3}{10}) \div (\frac{10}{3})$

(ii) $4\frac{3}{5} \div (\frac{4}{5})$

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

Q7. In mid-day meal scheme $(\frac{3}{10})$ 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) $\frac{6}{15}$

