

MATHEMATICS

CLASS – VII

Chapter-2

Fractions & Decimals (Fractions Only)



1. Simplify:

(a) $2\frac{4}{15} + 4\frac{7}{10} - 2\frac{3}{5}$

(b) $7\frac{5}{6} - 4\frac{3}{8} + 2\frac{7}{12}$

2. Arrange $\frac{6}{12}, \frac{5}{12}, \frac{2}{3}, \frac{3}{8}$ in ascending order.

3. Simplify:

(a) $2\frac{7}{12} \times 7\frac{2}{9} \times 1\frac{33}{52}$

(b) $(4\frac{3}{7} \div 3\frac{7}{2}) \div 1\frac{7}{2}$

4. Divide $\frac{3}{10}$ by $(\frac{1}{4} \text{ of } \frac{3}{5})$

5. By what number should $4\frac{5}{6}$ be multiplied to get $9\frac{1}{6}$?

6. A wire of length $6\frac{1}{2} m$ is cut into 13 pieces of equal length. Find the length of each piece.

7. Find the area of a rectangular plot with length $16\frac{1}{2} m$ and breadth $10\frac{1}{3} m$.

8. Suneeta completed $\frac{5}{6}$ of her homework on Saturday. How much homework is left to be completed on Sunday?

9. Mr. Sharma spends $\frac{4}{7}$ of his income on household expenses, $\frac{1}{7}$ of his income on conveyance and ₹ 2000 per month on insurance. If his monthly income is ₹ 42000, find his annual saving.

10. Jack and Jill took $10\frac{5}{11}$ minutes and $13\frac{3}{7}$ minutes respectively to complete an assignment. Who completed the assignment faster? By how much time?