

MATHEMATICS

CLASS – VII

Chapter-2

Fractions & Decimals



1. Solve:

(a) $3 - \frac{2}{3}$

(b) $\frac{6}{7} + 2\frac{2}{3}$

(c) $8\frac{1}{3} - 3\frac{5}{8}$

2. Find the product:

(a) 0.24×1000

(b) 0.04×1.1

(c) 2.05×1.3

3. Evaluate:

(a) $3.25 \div 0.5$

(b) $30.94 \div 7$

(c) $78.53 \div 100$

4. Multiply and reduce to lowest terms

(a) $\frac{4}{3} \times 6\frac{2}{3}$

(b) $\frac{3}{7} \times \frac{8}{9}$

(c) $\frac{4}{8} \times \frac{1}{2}$

5. Arrange the following ascending order $\frac{2}{7}, \frac{3}{5}$ and $\frac{5}{6}$

6. If $\frac{2}{3}$ of a number is 6, find the number.

7. Aakriti spends $1\frac{3}{4}$ hours in studies, $2\frac{1}{2}$ hours in playing cricket. How much time did he spend in all?

8. A square paper sheet has $10\frac{2}{5}$ cm long side, find its perimeter and area.

9. If the length of a rectangle is 7.1 cm and its breadth is 2.5 cm, find the area of rectangle.

10. A wire is $\frac{15}{4}$ m long is broken into two pieces. If one piece is $2\frac{1}{4}$ m long, find the length of the other piece.

11. The product of two numbers is 2.0016. If one of them is 0.72, find the other number.

12. Arnav spends $1\frac{3}{4}$ hours in studies, $2\frac{1}{2}$ hours in playing cricket. How much time did he spend in all?

13. Ravi's father paid an electricity bill for ₹1385.60, by giving 3 notes of ₹ 500. How much change should he received?

14. Rajni bought 3 kg 500 g apples and 5 kg 750g grapes. Raju bought 5 kg 450g mangoes and 6 kg 450g oranges. Who bought more fruits?

15. Suraj walked 4.96 km on Monday and 3.86 km on Tuesday and some distance on Wednesday. If he travelled 10km on these three days, how much distance did he walked on Wednesday?