

Chapter—2

Fractions and Decimals

1. (a) $\frac{1}{2} + \frac{2}{3} = \boxed{}$

(b) $\frac{5}{7} - \frac{2}{3} = \boxed{}$

2. (a) $\frac{2}{3} \times \frac{5}{7} = \boxed{}$

(b) $\frac{2}{3} \times \frac{9}{20} = \boxed{}$

3. The two-third of 42 is _____.

4. Find the missing number :

(a) $3\frac{3}{4} + \boxed{} = 4$

(b) $12 - 2\frac{3}{4} = \frac{\boxed{}}{4}$

5. Divide $\frac{15}{24}$ by $\frac{3}{4}$.

6. Karim had 20 toffees. He took these toffees with him to a picnic with four of his friends. Karim along with friends, shared these toffees equally. How many toffees did each one get?

7. How long is 88.6km than 48 km?

8. If cost of 20 pens is ₹ 356.80, then find the cost of a pen.

9. Kartikeya bought 5 kg 500g apples and 3 kg 250g of oranges. Shivani bought 4kg 200g mangoes and 4kg 500g guavas. Who bought more fruits and how much?

10. Express in kg:

(a) 4730g (b) 8kg 4g

11. Soumya ate $\frac{2}{5}$ part of an apple and her younger brother Somu ate the remaining part. What part of the apple did Sonu eat? Who had the longer share and by how much?

12. Convert :

(a) 0.25 into fraction

(b) $\frac{19}{20}$ to decimal form

13. Simplify :

(a) $7 - 3\frac{1}{2} - 2\frac{1}{2}$

(b) $3\frac{1}{8} \times 2\frac{2}{5} \times 1\frac{3}{5}$

(c) $11.2 \times 0.15 \div \frac{4}{5}$

(d) $3\frac{3}{7} \div \frac{8}{21} \times \frac{1}{27}$

(e) $0.089 \times 0.76 \div 0.19$

14. Each side of a square field is 5.5m. Find the perimeter of the square field.

15. Write the pictorial representation of shaded portion in the form of fraction.

