MATHEMATICS

Class-7th

Chapter-02

Fractions and Decimals

Self-Practice

part-I

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Q.1. Multiply and reduce to lowest form:-

(i) $7 \times \frac{3}{4}$

(iii) $5 \times \frac{1}{4}$

(ii) $2 \times \frac{3}{19}$

(iv) $\frac{5}{2} \times 8$

Q.2. Find (a) $\frac{1}{3}$ of   (i) 36   (ii) 81

        (b) $\frac{5}{9}$ of   (i) 45   (ii) 108.

Q.3. Multiply and express as mixed fraction:

(i) $3 \times 6\frac{3}{4}$

(iii) $9 \times 2 \times \frac{1}{4}$

(ii) $3 \times 6\frac{2}{5}$

(iv) $3\frac{1}{4} \times 5$.

Q.4. Find: (i) $\frac{1}{3}$ of $2\frac{3}{4}$ (ii) $\frac{1}{4}$ of $2\frac{2}{9}$.

Q.5. Each side of a square field is $10\frac{1}{2}$m. Find the area of the field.

Q.6. A car consumes $2\frac{1}{2}$ litres of petrol in 1 hour. How many litres of petrol will be required to run the car for $5\frac{3}{5}$ hours.

Q.7. The length and breadth of rectangular field are $6\frac{3}{4}$ m and $4\frac{1}{3}$ m respectively. find its area.

Q.8. Aastha and Shevena went to school. Their mother gave them a water bottle that contained 7 litres of water. Aastha consumed 3/7 of water.

(i) How much water did Aastha drink?

(ii) What fraction of the total quantity of water did Shevena drink?

Q.9. The length of a rectangular field is 2 times more than its breadth. It measure of its breadth is $3\frac{4}{5}$ m. Find its area.

Q.10. $\frac{2}{3}$ students of a class are boys. There are 42 students in the class. How many girls are there in the class?

Q.11. $2\frac{3}{4}$ m. of cloth is required for a shirt. How many metres of cloth is required for 16 such shirts?

Q.12. $3\frac{3}{4}$ cups of flour is required for a loaf of bread. How many cups of flour are required to make 2 dozen such loaves?

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