

CBSE Sample Practice worksheet

Class – VII

Subject: Mathematics

Sheet No 002[Fractions and Decimals]

Q1. Solve the following:

(i) $3 - \frac{2}{5}$

(ii) $4 + \frac{3}{8}$

Q2. Simplify the following expressions:

(i) $\frac{1}{18} - \frac{2}{9} + \frac{5}{12}$

(ii) $11 - 4\frac{1}{4} - 5\frac{2}{3}$

(iii) $(\frac{2}{3} \text{ of } \frac{5}{5}) + \frac{4}{5} - \frac{3}{5} \div \frac{5}{2}$

Q3. Express as rupees using decimals:

(i) 25 paise

(ii) 346 paise

(iii) 100 paise

Q4. If $\frac{1}{3}$ of a number is 11, then what is 1.75 times of that number?

Q5. By what number should $5\frac{4}{7}$ be multiplied to get $1\frac{3}{10}$?

Q6. Radha bought $5\frac{1}{2}$ kg of Mangoes, $\frac{1}{4}$ kg of Grapes and $2\frac{3}{4}$ kg of Guava. What is the total weight of fruit bought by her?

Q7. What should be added to $12\frac{2}{15}$ to get $18\frac{9}{15}$?

Q8. Ruhi walked 4.99 km on Monday and 5.01 km on Tuesday and some distance on Sunday. If he walked total of 12.5 km on these 3 days, how much distance did she travelled on Sunday?

Q9. A square carom board is 80.2 cm long. Find its perimeter and area.

Q10. Find the area of lawn whose length and breadth are $10\frac{1}{2}$ meter and $25\frac{2}{3}$ meters

Q11. A total of 2 dozen boxes is stacked on top of each other in a store room. How high is the stack if height of 1 box is 15 cm?

Q12. A mason built $\frac{2}{7}$ of the wall. If the height of the wall required to build is $3\frac{1}{4}$ m then how much of the wall is yet to be built?

Q13. If weight of 24 boxes is 200 kg. Find the weight of 11 boxes.

Q14. A ribbon of length $3\frac{3}{4}$ m is cut into small pieces of each length $\frac{3}{4}$. How many pieces will be cut.

Q15. Solve:

- (i) $2.5 \div 1000$
- (ii) 0.001×1000
- (iii) $0.5 \div 10000$
- (iv) $0.05 \div 100$

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