

Subject: - Mathematics

PRACTICE PAPER (MCQ)

CBSE-7th

Topic: - Fractions

1. Find the missing numerator: - a) $2\frac{5}{6} + 4\frac{5}{12} = 6\frac{7}{12}$ **Ans. (c)**
a) 5 b) 2 c) 1 d) 4
2. Mohit needs to work 45 hours per week. He has worked $38\frac{7}{9}$ hours so far this week. How many hours does he need to work on Friday to meet the 45 hours' requirement? **Ans. (b)**
a) 1 hour b) $6\frac{2}{9}$ hours c) $6\frac{1}{9}$ hours d) $6\frac{7}{9}$ hours
3. How much more is $\frac{1}{2}$ of $\frac{2}{3}$ than $\frac{3}{4}$ of $\frac{1}{3}$? **Ans. (c)**
a) $\frac{1}{4}$ b) $\frac{1}{3}$ c) $\frac{1}{12}$ d) $\frac{7}{12}$
4. The value of $\frac{\frac{1}{2} \div \frac{1}{2} \text{ of } \frac{1}{2}}{\frac{1}{2} + \frac{1}{2} \text{ of } \frac{1}{2}}$ is: - **Ans. (a)**
a) $2\frac{2}{3}$ b) 1 c) $1\frac{1}{3}$ d) 3
5. A standard paper clip is about $2\frac{4}{5}$ cm long. If you lay 60 paper clips end to end, what will be the length of the line of paper clips? **Ans. (b)**
a) 128 cm b) 168 cm c) 144 cm d) 96 cm
6. In a school gymnasium, a sixteen-meter-long rope is used for teaching children rope climbing. To make it easier for the children to climb, the teacher has tied knots at every $\frac{8}{9}$ meters. How many knots are there in the rope? **Ans. (c)**
a) 14 b) 16 c) 18 d) 20
7. A car runs 9 km using 1 litre of petrol. How much distance will it cover in $3\frac{2}{3}$ liters of petrol? **Ans. (b)**
a) 36 km b) 33 km c) $2\frac{5}{11}$ km d) 22 km
8. Which of the following is an irreducible fraction: - **Ans. (c)**
a) $\frac{105}{112}$ b) $\frac{66}{77}$ c) $\frac{46}{63}$ d) $\frac{51}{85}$
9. Write 'True' or 'False': - **Ans. False**
a) Among $\frac{2}{5}$, $\frac{16}{35}$ and $\frac{9}{14}$, the largest is $\frac{16}{35}$.
10. Which of the following fraction lies between $\frac{2}{3}$ and $\frac{5}{7}$. **Ans. (d)**
a) $\frac{3}{4}$ b) $\frac{4}{5}$ c) $\frac{5}{6}$ d) None of these