Subject: - Mathematics **PRACTICE PAPER** **CBSE-7th**

Topic: - Fractions

1. Arrange the following fractions in descending order: -

a) $\frac{4}{5}, \frac{7}{10}, \frac{11}{15}, \frac{17}{20}$

Ans. $\frac{17}{20}, \frac{4}{5}, \frac{11}{15}, \frac{7}{10}$

2. Simplify:

a) $7\frac{5}{6} - 4\frac{3}{8} + 2\frac{7}{12}$ b) $2\frac{2}{17} \times 7\frac{2}{9} \times 1\frac{33}{52}$ **Ans. $\left(a = 6\frac{1}{24}\right), (b = 25)$**

3. Find:

a) $\frac{5}{9}$ of 108 meters b) $\frac{7}{20}$ of a litre **Ans. ($a = 60\ m, b = 350\ ml$)**

4. What should be added to $5\frac{3}{7}$ to get 12? **Ans. $6\frac{4}{7}$**

5. A piece of wire is of length $12\frac{3}{4}$ m. If it is cut into two pieces in such a way that the length of one piece is $5\frac{1}{4}$ m, what is the length of the other piece? **Ans. $7\frac{1}{2}\ m$**

6. Suman studies for $5\frac{2}{3}$ hours daily. She devotes $2\frac{4}{5}$ hours of her time for Science and Mathematics. How much time does she devote for other subjects? **Ans. $2\frac{13}{15}$ hours**

7. A rectangular sheet of paper is $12\frac{1}{2}$ cm long and $10\frac{2}{3}$ cm wide. Find its perimeter. **Ans. $46\frac{1}{3}$m**

8. Shikha plants 5 saplings in a row in her garden. The distance between two adjacent saplings is $\frac{3}{4}$ m. Find the distance between the first and the last sapling. **Ans. 3m**

9. The cost of the Mathematics book is Rs. $25\frac{3}{4}$ and that of Science book is Rs. $20\frac{1}{2}$. Which costs more and by how much? **Ans. Maths by ₹$5\frac{1}{4}$**

10. Lipika reads a book for $1\frac{3}{4}$ hours every day. She reads the entire book in 6 days. How many hours in all were required by her to read the book? **Ans. $10\frac{1}{2}$ hours**