SATISH CHANDRA MEMORIAL SCHOOL
CLASS – Vlll
CHAPTER – 1 (RATIONAL NUMBERS)

1. Write a rational number which has no reciprocal.

2. Write a rational number which is equal to its reciprocal.

3. The rational number _____ is neither positive nor negative.

4. _____ is the only rational number which is equal its additive inverse.

5. Find five rational numbers between $\frac{2}{5}$ and $\frac{1}{4}$.

6. What number should be subtracted from $(\frac{3}{4} - \frac{2}{3})$ to get $(-\frac{1}{6})$.

7. The cost of $2\frac{1}{3}$ meters of cloth is Rs 75 $\frac{1}{4}$ Find the cost of cloth per meter.

8. Rajni had a certain amount of money in her purse. She spent Rs $10\frac{1}{4}$ in the school canteen, bought a gift worth Rs $25\frac{3}{4}$ and gave Rs $16\frac{1}{2}$ to her friend. How much she have to begin with?

9. One-third of a group of people are men. If the number of women is 200 more than the men, find the total number of people.

10. Show that-

$$\left(\frac{-8}{9} \times \frac{1}{-5}\right) + \left(\frac{-8}{9} \times \frac{-7}{11}\right) = \frac{-8}{9} \times \left(\frac{1}{-5} + \frac{-7}{11}\right)$$