

**CBSE HOTS by Dev Anoop (Bathinda) – Chapter Real Numbers class IX**

1. Find 3 rational numbers between  $0.3333$  and  $0.\bar{3}$

Solution:  $0.3333$  and  $0.\bar{3}$

$$= 0.3333 \text{ and } 0.333333 \quad [\text{value of } 0.\bar{3} \text{ upto 6 decimal places}]$$

$$= 0.333300 \text{ and } 0.333333 \quad [\text{converting into like decimals}]$$

Required rational numbers  $0.333301$ ,  $0.333302$  and  $0.333303$

2. Represent  $2 + \sqrt{2}$  on number line.

Solution:

