



## NCERT Solutions by Dev Anoop (Bathinda)

### Ex 1.4 Class X, Page 3

$$\begin{aligned} \text{(15)} \quad & \frac{35}{50} = \frac{7}{2 \times 5} \\ & \frac{7}{2 \times 5} \end{aligned}$$

∴ Prime factorisation of the denominator is of the form  $2^m 5^n$  where  $m, n$  are whole numbers.

∴ Decimal representation of given number is terminating

$$\begin{aligned} \text{(17)} \quad & \frac{77}{210} = \frac{11}{2 \times 3 \times 5} \\ & \frac{11}{2 \times 3 \times 5} \end{aligned}$$

∴ Prime factorisation of the denominator is not of the form  $2^m 5^n$  where  $m, n$  are whole numbers.

∴ Decimal representation of given number is non terminating repeating

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