



# LCM & HCF



LCM  $\rightarrow$  Least Common Multiple.

$\rightarrow$  Least no. which is exactly divisible by all the given no's

HCF  $\rightarrow$  Highest Common Factor

$\rightarrow$  Highest no. which divides the given no's

$\rightarrow$  HCF also called GCD (Greatest Common Divisor)





# LCM & HCF



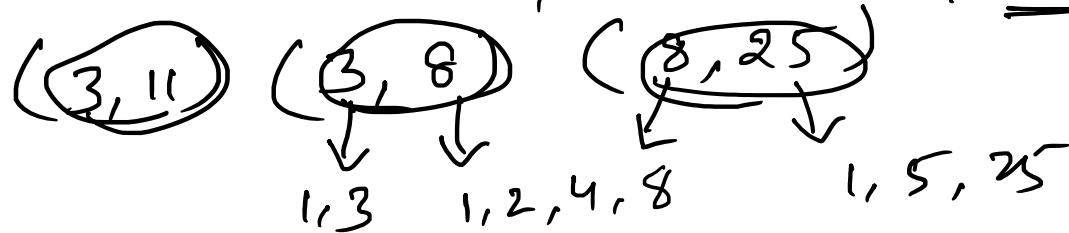
LCM & HCF

→ Factorisation method

→ Long Division method

Co-Prime no.: Two no's doesn't have any common

factor except 1.





# LCM & HCF



$$\boxed{\text{Product of 2 no's} = \text{LCM} \times \text{HCF}}$$

$$a \times b = \text{LCM} \times \text{HCF}$$

$$\text{LCM of fractions} = \frac{\text{LCM (Numerators)}}{\text{HCF (Denominators)}}$$

$$\text{HCF of fractions} = \frac{\text{HCF (Numerators)}}{\text{LCM (Denominators)}}$$

