

Least Common Multiple

Least Common Multiple of two numbers is the least positive multiple that the two numbers have in common.

Two Methods of finding the LCM

Intersection and the Prime Factorization

Reducing Method

Find the LCM(8, 12)

Find the LCM (18, 24)

Prime Factorization Method

Find the LCM(8, 12)

Find the LCM (18, 24)

Reducing Method

Theorem **$\text{GCF}(a,b) \text{ LCM}(a,b) = ab$**