gcd(25, 16) = 1 25 and 16 are coprine relatively prose. gel (24, 16) = 6 I integer 0, 8, 16, 2h, ss; ice min. pos. int.) 24 x + 16 y
written as xiy EZ · 24x+16 y = 2 impossible because (8.(3x) +8(2y) = 8k 3(+1)+2(-1)=1

gd((6, 24) = 8 | Com (16, 24) = 48 | gcd is no gd. la | fm/s la v. 16.24 = 8.48 | le = a Let gcd(a,b)=k then let a=xk b=yk such that gcd(x,y)=1 1cm (a,b) - a.b = xyk2 = (xyk) Can we find a num my xyle which is a comme mobile of a, b?

Azone such a much mexists on = m = x.le.t = y.l.u xt=yu (xy t)=x















