5. Product of two number

Product of two numbers = Product of their
                                      H.C.F & L.C.M.

Ex: 16 , 24

2^4 $2^3 \times 3$ H.C.F = 8

L.C.M = $2^4 \times 3$ = 48

$16 \times 24 = 8 \times 48$ → True

Ex: The H.C.F of two nos is 11 and their
L.C.M is 693. If one of the number is 77
Find out another number.

$\Rightarrow 77 \times x = 11 \times 693$

$x = \dfrac{\cancel{11} \times \cancel{693}^{\,99}}{\cancel{77}_{\,7}}$

$= 99$