

VIDYA BHAWAN BALIKA VIDYA PITH

CLASS- 5

DATE – 15.09.21

SUB- MATHS

C. T – PRAGYA

BASED ON N.C.E.R.T PATTERN

CH - UNITARY MEHOD

INVERSE VARIATION

- Two quantities are said to be in Inverse variations if an increase in one quantities causes An equivalent decrease in the quantity .

See example 1 – If 15 men can dug a portion of Land in 21 days , in how many days can 7 men dug it ?

Solution : 15 men can dug a portion of land in 21 days.

So , 1 man does it in (21×15) days .

7 men can do it

$$\frac{21^3 \times 15}{7^1}$$

= 45days

Answer : 7 men can till the same portion of land
In 45 days .

- Solve Ex – 16 C (according to example).
