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CLASS- 5   DATE – 11.09.21

SUB- MATHS   C. T – PRAGYA

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

        CH – RATIO AND UNITARY MEHOD

• RATIO – Comparison of the same kind is called a

            RETIO . We use the symbol - •

                                    •

    Read as (is to) .

In the ratio a : b , the quantities a and b are called

The term of ratio ; a is called the first term or

Antecedent and b is called the second term or

 Consequent.

For example, 4 : 7 is a ratio with Antecedent (first

Term) 4 and consequent (second term) 7.

• RATIO IN THE SIMPLEST FORM (LOWEST
FORM) .

EXAMPLE : Express each of the following ratio in

The simplest form .

   A. 14 : 49

   Solution - 14 : 49   = 14 ÷ 7 / 49 ÷ 7 = 2 /7

   = 2 : 7 (Dividing 14 and 49 by their H. C. F = 7

   B. 8m to 75 cm

   Solution : 8 m = 8 × 100 cm = 800 cm

   8m to 75 cm = 800 : 75 = 800 ÷ 25 / 75 ÷25

   = 32 /3   (Dividing 800 and 75 by their H. CF

   =25) =32 /2   = 32 :3

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