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CLASS – 5

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SUB- MATHS

C. T – PRAGYA

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

CH – REVISION (RATIO)

Comparison of two quantities of same kind is

Called a ratio . We use the symbol (:) to

Express a ratio (read a 'is to).

RATIO IN THE SIMPLEST FORM (LOWEST FORM)

EXAMPLE : Express each of the following ratios

In the simplest form.

A. $14 : 49$, solution: $14 : 49 = 14 \div 7 / 49 \div 7$
(Dividing 14 and 49 by their H.C.F = 7)
 $= 2 / 7 = 2 : 7$

B. $3 / 4 : 2 / 5 = 3 / 4 \times 20 : 2 / 5 \times 20$
(Multiplying each term by the L.C.M of
4 and 5).

See example and solve these questions.



Exercise 16 A

1. Express the following ratios in the simplest form.

(a) $60 : 72$

(b) $324 : 144$

(c) $1440 : 1152$

(d) 50 paise to ₹ 10

(e) 200 m to 2 km

(f) 2 kg 500 g to 3 kg

(g) 35 min to 45 s

(h) 3 weeks to 3 days

(i) 2 L to 120 mL

(j) $\frac{1}{6} : \frac{1}{9}$

(k) $\frac{2}{5} : \frac{4}{7}$

(l) $4\frac{1}{2} : 1\frac{1}{8}$

2. The cost of 10 cups of tea is ₹ 30 and the cost of 6 cups of coffee is ₹ 24
for one cup of coffee.
