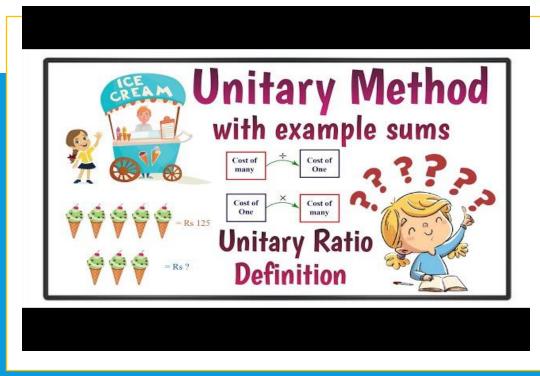
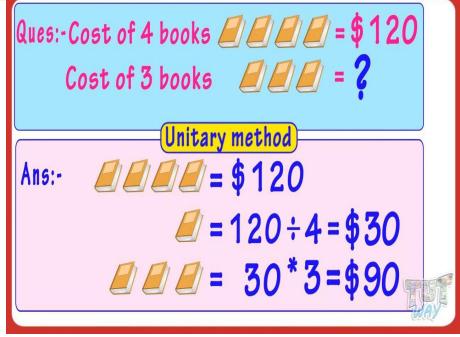
TOPIC: UNITARY METHOD





C.W#14 TOPIC: UNITARY METHOD

Unitary method

*Finding the value of one unit and then using it to find the value of the required number of units is known as Unitary Method.

*The Unitary method focuses on the "UNIT" which means one.

Steps of Unitary Method:

1st: Find the total cost/total value and total unit from the first line of the question.

#2nd: To find out one unit cost: $\frac{total\ value}{total\ unit}$ (which we get from the first line)

#3rd: Required unit cost: one unit cost: X required unit

PG# 30, EX-2.13

Q.1) The price of 12 exercise books are tk 72. Find the cost of 18 exercise books.

12 exercise books cost = 72 Tk.

So,1 exercise book cost = $(72 \div 12)$ tk.

=6 tk

So, 18 exercise books cost = (6×18) Tk = 108 Tk.

Ans: 18 exercise books cost 108 Tk.

3. **12** m cloths cost = **480** Tk.

1 m cloth cost =
$$(480 \div 12)$$
 tk.

=40tk

 $8 \text{ m cloths cost} = (40 \times 8) \text{ Tk}$

= 320 Tk.

Ans: 8 m cloths cost 320 Tk.

5) 1 person's train fare= (1122÷6) tk.

= 187 Tk.

10 person's train fare= (187 x 10) Tk

= 1870 Tk.

Ans: 10 person's train fair 1870 Tk.

H.W#8,EX-2.13,Q(2,4)

C.W#15 TOPIC: UNITARY METHOD

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6)12 kg of potatoes cost = 84 Tk.
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1 kg of potato cost=
$$(84 \div 12)$$
 tk.

5 kg of potatoes cost = (7×5) Tk

Ans: 5 kg potatoes cost 35 Tk.

7) **1year** = **12** months

The rent of 12 months = 18,000 Tk

The rent of 1 month = $(18,000 \div 12)$ Tk.

The rent of 8 months = $(1,500 \times 8)$ Tk.

Ans: The rent of 8 months is 12,000 Tk.

9) Bindu reads 125 pages in 5 hours

Bindu reads 1 page =
$$\frac{5}{125}$$
hours

Bindu reads 275 pages = $\frac{5x275}{125}$ hours

= 11 hours

Ans: Bindu reads 275 pages in 11 hours.

10) In 6 days Raju painted = 51 m

In 1 day Raju painted =
$$\frac{51}{6}$$
m

In 4 days Raju painted =
$$\frac{51x4}{6}$$
m = 34 m

Ans: He painted 34 m.

