Q. By selling 144 hens, a person gets a loss equal to the selling price of 6 hens. Find out his loss percent?

$$L \times 144 = S.P. \times 6$$

$$\frac{L}{S.P.} = \frac{\cancel{6}^{1}}{\cancel{144}_{24}}$$

$$\therefore C.P. = 25$$

$$L\% = \frac{1}{25} \times 100 \quad \boxed{4\%}$$

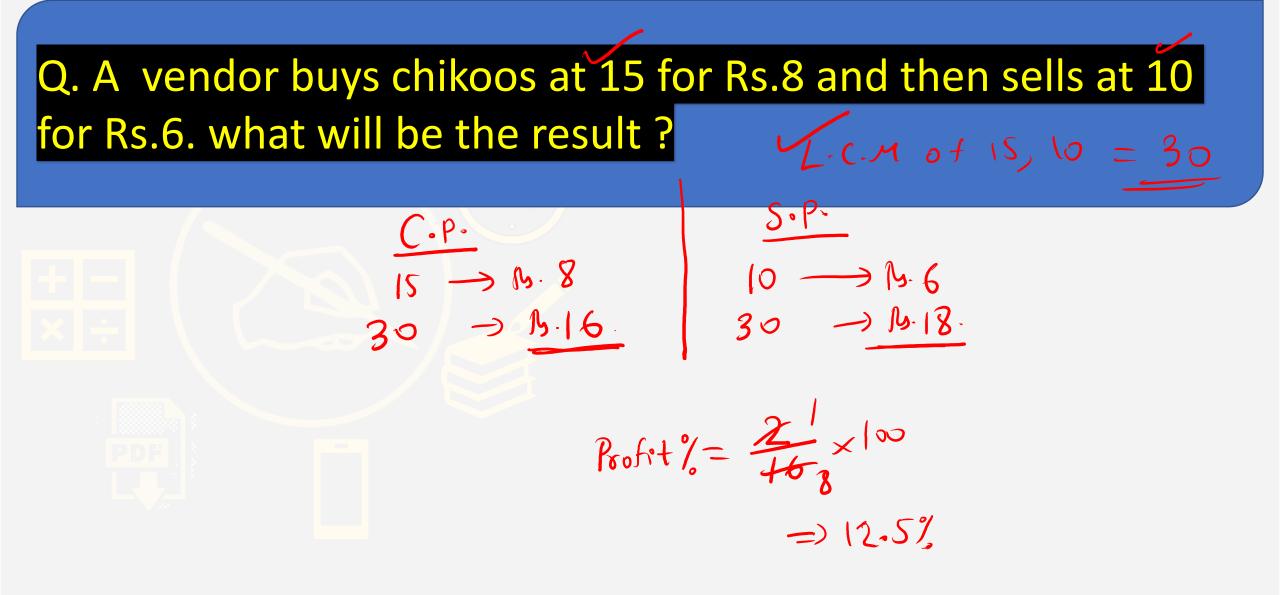**Q. By selling a table for Rs.350 instead of Rs.400, the loss percent increases by 5%. Find out the cost price of the table ?**

$$\frac{5}{100} \times C.P. = 50 \quad 10$$

$$\boxed{C.P. = 1000}$$

Q. A vendor buys chikoos at 15 for Rs.8 and then sells at 10 for Rs.6. what will be the result ?

L.C.M of 15, 10 = 30

C.P.

15 → Rs. 8

30 → Rs.16

S.P.

10 → Rs.6

30 → Rs.18

$$\text{Profit \%} = \frac{2}{16_8} \times 100$$

$$\Rightarrow 12.5\%$$

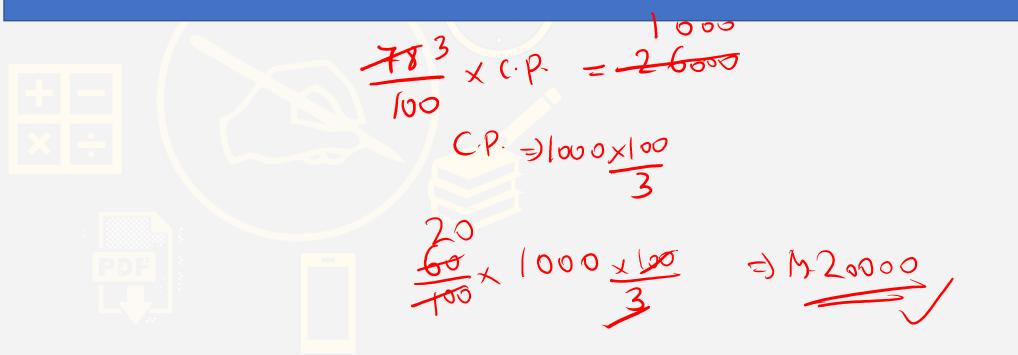**Q. At 22% discount the selling price of a refrigerator is Rs.26000. what is the selling price, if the discount is 40% ?**

$$\frac{\cancel{78}^{3}}{100} \times C.P. = \cancel{26000}^{1000}$$

$$C.P. = \frac{1000 \times 100}{3}$$

$$\frac{\cancel{60}^{20}}{\cancel{100}} \times 1000 \times \frac{\cancel{100}}{3} \Rightarrow \text{₹ } 20000$$

Q. If the selling price of an article is increased by Rs.90 then the profit percent increases from 12.5% to 16(2/3)%. Find the cost price of the article ?

$$\frac{1}{8}$$

$$\frac{1}{6}$$

$$\overline{C.P.} \qquad \overline{8 \; S.P.}$$

$$3 \times (8 \qquad : \qquad 9)$$

$$4 \times (6 \qquad : \qquad 7)$$

$$24 : 27$$

$$24 : 28$$

Q. A man sold two articles on the same selling price of Rs. 7600 each. In the first article he gets 12.5% loss then at what profit percent he sells the second article so that he gets no profit no loss ?

W.B.C.S -YouTube schedule for 5-days

TIMING	DAYS				
	MONDAY	**TUESDAY**	**WEDNESDAY**	**THURSDAY**	**FRIDAY**
11:30	ECO	CA	ECO	POL	BEN
12:00	REAS	SCI	POL	SCI	REAS
12:30	ENG	MATHS	ENG	MATHS	ENG
13:00	GEO	HIS	GEO	HIS	HIS

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