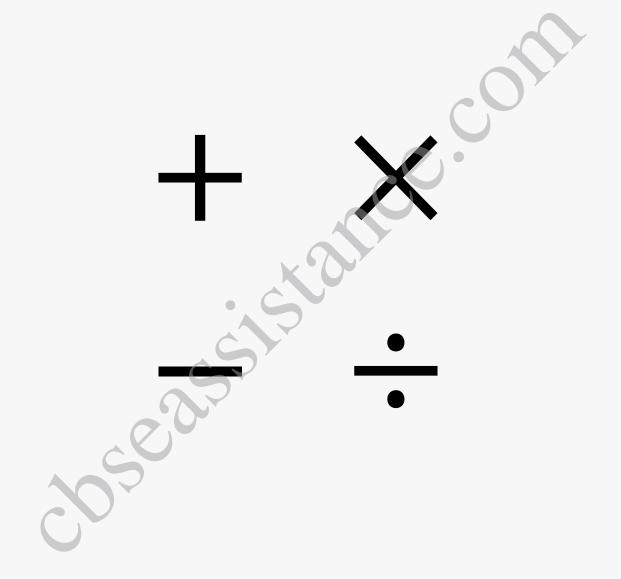
## Percentage And Its Applications Ex. 8.4



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Ex. 8.4
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$$tox -1 = \frac{12.50}{2.50} \times \frac{2}{100}$$

$$= \frac{100 \times 89.25}{100 + 5}$$

$$SP.$$
 of miscur =  $\frac{100 + S \cdot T}{100} \times C.P.$ 

$$= \left(\frac{100+12}{100}\right) \times 2000$$

$$= 112 \times 20$$

Rote of G.8T = 
$$\frac{GS.T}{M.P.} \times 100$$

$$= \frac{\frac{234}{1680} \times 190}{\frac{26000}{131} \times 100}$$

$$= 18.1.$$

SP. of TV set = 
$$\left(\frac{100 + l \cdot l}{100}\right) c.p.$$

$$= \left(\frac{100 + 5}{100}\right) \times 4000$$

S.P. of TV set including GST = 
$$\frac{100 + 12}{100}$$
 × 4200

$$= 112 \times 42$$

Profit = 8%

S.P. of white = 
$$\frac{100+P\cdot P\cdot P}{100}$$
 C.P

=  $\frac{100+8}{100} \times 8400$ 

=  $\frac{100+8}{100} \times 8400$ 

=  $\frac{100+8}{100} \times 9072$ 

S.P. including GST =  $\frac{100+18}{100} \times 9072$ 

=  $\frac{158}{100} \times \frac{9072}{100}$ 

=  $\frac{10704.96}{12}$ 

=  $\frac{10704.96}{12}$ 

=  $\frac{10704.96}{12}$ 

=  $\frac{10704.96}{100}$ 

Ta. C.P. of compute =  $\frac{10704.96}{100} \times \frac{9072}{100}$ 

=  $\frac{100+8}{100} \times 38000$ 

=  $\frac{100+8}{100} \times 38000$ 

=  $\frac{100+8}{100} \times 38000$ 

=  $\frac{108\times380}{100}$ 

=  $\frac{108\times380}{100}$ 

=  $\frac{108\times380}{100}$ 

b 
$$C.P.$$
 of sofa set =  $\Xi 12600$   
 $GST = 6.1$ 

SP. of sofa set = 
$$\left(\frac{100 + GST}{100}\right) C.P.$$

$$= \left(\frac{100 + 6}{100}\right) \times 12600$$

D= 15.1.

Brice of working mochine rafter discount = (100 - D.1) CP.

$$= \left(\frac{100 - 15}{100}\right) 45000$$

S.P. of washing machine including GST
$$= \frac{100+12}{10\%} \times 3825\%$$

$$= \frac{112}{105} \times \frac{765}{3825}$$