

Q:- (1) Find

(i)  $0.2 \times 6$

Sol<sup>n</sup>:-  $\frac{0.2}{10} \times 6 = \frac{2 \times 6}{10} = \frac{12}{10} = 1.2$

(ii)  $8 \times 4.6$

Sol<sup>n</sup>:-  $8 \times \frac{4.6}{10} = \frac{8 \times 46}{10} = \frac{368}{10} = 36.8$

(iii)  $2.71 \times 5$

Sol<sup>n</sup>:-  $\frac{2.71}{100} \times 5 = \frac{271 \times 5}{100} = \frac{1355}{100} = 13.55$

(iv)  $20.1 \times 4$

Sol<sup>n</sup>:-  $\frac{20.1}{10} \times 4 = \frac{201 \times 4}{10} = \frac{804}{10} = 80.4$

(v)  $0.05 \times 7$

Sol<sup>n</sup>:-  $\frac{0.05}{100} \times 7 = \frac{0.05 \times 7}{100} = \frac{0.35}{100} = 0.35$

(vi)  $211.02 \times 4$

Sol<sup>n</sup>:-  $\frac{211.02}{100} \times 4 = \frac{21102 \times 4}{100} = \frac{84408}{100} = 844.08$

(vii)  $2 \times 0.86$

Sol<sup>n</sup>:-  $2 \times \frac{0.86}{100} = \frac{2 \times 0.86}{100} = \frac{1.72}{100} = 1.72$   
-x-

Q:- (2) Find the area of rectangle whose length is 5.7 cm. and breadth is 3 cm.

Sol<sup>n</sup>:- Given, Length of rectangle = 5.7 cm

Breadth of rectangle = 3 cm

$$\begin{aligned} \therefore \text{Area of rectangle} &= \text{Length} \times \text{Breadth} \\ &= 5.7 \times 3 \\ &= 17.1 \text{ cm}^2 \end{aligned}$$

Thus, area of rectangle is 17.1 cm<sup>2</sup>.

Q:-(3) Find:

$$(i) 1.3 \times 10 \Rightarrow \frac{13}{10} \times 10 = 13$$

$$(ii) 36.8 \times 10 \Rightarrow \frac{368}{10} \times 10 = 368$$

$$(iii) 153.7 \times 10 \Rightarrow \frac{1537}{10} \times 10 = 1537$$

$$(iv) 168.07 \times 10 \Rightarrow \frac{16807}{100} \times 10 = \frac{16807}{10} = 1680.7$$

$$(v) 31.1 \times 100 \Rightarrow \frac{311}{10} \times 100 = 311 \times 10 = 3110$$

$$(vi) 156.1 \times 100 \Rightarrow \frac{1561}{10} \times 100 = 1561 \times 10 = 15610$$

$$(vii) 3.62 \times 100 \Rightarrow \frac{362}{100} \times 100 = 362$$

$$(viii) 43.07 \times 100 \Rightarrow \frac{4307}{100} \times 100 = 4307$$

$$(ix) 0.5 \times 10 \Rightarrow \frac{5}{10} \times 10 = 5$$

$$(x) 0.08 \times 10 \Rightarrow \frac{8}{100} \times 10 = \frac{8}{10} = 0.8$$

$$(xi) 0.9 \times 100 \Rightarrow \frac{9}{10} \times 100 = 9 \times 10 = 90$$

$$(xii) 0.03 \times 1000 \Rightarrow \frac{3}{100} \times 1000 = 3 \times 10 = 30$$

=x=

Q:-(4) A two-wheeler covers a distance of 55.3 km in one litre of petrol. How much distance will it cover in 10 litres of petrol?

Sol<sup>n</sup>:- In one litre, a two-wheeler covers a distance = 55.3 km

$\therefore$  In 10 ~~litres~~ litres, a two-wheeler covers a distance =  $55.3 \times 10$  km  
 $= \frac{553}{10} \times 10$   
 $= 553$  km.

Thus, 553 km distance will be covered by it in 10 litres of petrol.

=x=

Q:- (5) Find:

$$(i) 2.5 \times 0.3 \Rightarrow \frac{25}{10} \times \frac{3}{10} \Rightarrow \frac{75}{100} = 0.75$$

$$(ii) 0.1 \times 51.7 \Rightarrow \frac{1}{10} \times \frac{517}{10} = \frac{517}{100} = 5.17$$

$$(iii) 0.2 \times 316.8 \Rightarrow \frac{2}{10} \times \frac{3168}{10} = \frac{6336}{100} = 63.36$$

$$(iv) 1.3 \times 3.1 \Rightarrow \frac{13}{10} \times \frac{31}{10} = \frac{403}{100} = 4.03$$

$$(v) 0.5 \times 0.05 \Rightarrow \frac{5}{10} \times \frac{5}{100} = \frac{25}{1000} = 0.025$$

$$(vi) 11.2 \times 0.15 \Rightarrow \frac{112}{10} \times \frac{15}{100} = \frac{1680}{1000} = 1.680$$

$$(vii) 1.07 \times 0.02 \Rightarrow \frac{107}{100} \times \frac{2}{100} = \frac{214}{10000} = 0.0214$$

$$(viii) 10.05 \times 1.05 \Rightarrow \frac{1005}{100} \times \frac{105}{100} = \frac{105525}{10000} = 10.5525$$

$$(ix) 101.01 \times 0.01 \Rightarrow \frac{10101}{100} \times \frac{1}{100} = \frac{10101}{10000} = 1.0101$$

$$(x) 100.01 \times 1.1 \Rightarrow \frac{10001}{100} \times \frac{11}{10} = \frac{110011}{1000} = 110.011$$

= X =

$$\begin{array}{r} 11 \\ 3168 \\ \times 2 \\ \hline 6336 \end{array}$$

$$\begin{array}{r} 112 \\ \times 15 \\ \hline 560 \\ 1120 \\ \hline 1680 \end{array}$$

$$\begin{array}{r} 1005 \\ \times 105 \\ \hline 5025 \\ 0000 \\ 100500 \\ \hline 105525 \end{array}$$

$$\begin{array}{r} 10001 \\ \times 11 \\ \hline 10001 \\ 100010 \\ \hline 110011 \end{array}$$