

H.W
12.1.22
Wed

Exercise - 19 (C)

1. Multiply the following :-

a) ₹12.75 × 8 = ₹102

$$\begin{array}{r} 264 \\ \downarrow 12.75 \\ \times \quad 8 \\ \hline 102.00 \end{array}$$

b) ₹1.25 × 10 = ₹12.5

$$\begin{array}{r} 1.25 \\ \times 10 \\ \hline 12.5 \end{array}$$

c) ₹15.26 × 15 = ₹228.9

$$\begin{array}{r} 213 \\ \downarrow 15.26 \\ \times 15 \\ \hline 76.30 \\ 152.60 \\ \hline 228.90 \end{array}$$

d) ₹945.75 × 25 = ₹23643.75

$$\begin{array}{r}
 \\
 945.75 \\
 \times 25 \\
 \hline
 4728.75 \\
 189150 \times \\
 \hline
 23643.75
 \end{array}$$

e) ₹526.40 × 16 = ₹8422.40

$$\begin{array}{r}
 \\
 526.40 \\
 \times 16 \\
 \hline
 315840 \\
 52640 \times \\
 \hline
 842240
 \end{array}$$

f) ₹6450.50 × 15 = ₹96757.50

$$\begin{array}{r}
 \\
 6450.50 \\
 \times 15 \\
 \hline
 32252.50 \\
 645050 \times \\
 \hline
 96757.50
 \end{array}$$

g) ₹87156.12 × 42 = ₹3660557.04

$$\begin{array}{r}
 ^1 ^2 ^1 \\
 87156.12 \\
 \times 42 \\
 \hline
 17431224 \\
 34862448x \\
 \hline
 3660557.04
 \end{array}$$

h) ₹85132.05 × 55 = ₹4682262.75

$$\begin{array}{r}
 ^2 ^1 ^2 \\
 85132.05 \\
 \times 55 \\
 \hline
 42566025 \\
 42566025x \\
 \hline
 4682262.75
 \end{array}$$

i) ₹87152.10 × 75 = ₹6536407.50

$$\begin{array}{r}
 ^5 ^1 ^2 ^1 \\
 87152.10 \\
 \times 75 \\
 \hline
 43576050 \\
 61006470x \\
 \hline
 6536407.50
 \end{array}$$

j) ₹90456.75 × 95 = ₹8593391.25

$$\begin{array}{r}
 \overset{4}{2} \overset{5}{2} \overset{3}{3} \overset{3}{3} \overset{2}{2} \\
 90456.75 \\
 \times \quad \quad \quad 95 \\
 \hline
 45228375 \\
 81411075 \times \\
 \hline
 8593391.25
 \end{array}$$

2. Divide the following :-

a) ₹96 ÷ 2 = ₹48

$$\begin{array}{r}
 48 \\
 \hline
 2 \overline{) 96} \\
 \underline{8} \\
 16 \\
 \underline{16} \\
 0
 \end{array}$$

b) ₹1.33 ÷ 7 = ₹0.19

$$\begin{array}{r}
 0.19 \\
 7 \overline{) 1.33} \\
 \underline{07} \\
 13 \\
 \underline{70} \\
 63 \\
 \underline{63} \\
 0
 \end{array}$$

c) ₹85.14 ÷ 9 = ₹9.46

$$\begin{array}{r}
 9.46 \\
 9 \overline{) 85.14} \\
 \underline{81} \\
 41 \\
 \underline{36} \\
 54 \\
 \underline{54} \\
 0
 \end{array}$$

d) ₹275.22 ÷ 6 = ₹45.87

$$\begin{array}{r} 45.87 \\ 6 \overline{) 275.22} \\ \underline{24} \\ 35 \\ \underline{30} \\ 52 \\ \underline{48} \\ 42 \\ \underline{42} \\ 0 \end{array}$$

e) ₹851.52 ÷ 12 = ₹70.96

$$\begin{array}{r} 70.96 \\ 12 \overline{) 851.52} \\ \underline{84} \\ 11 \\ \underline{0} \\ 115 \\ \underline{108} \\ 072 \\ \underline{72} \\ 0 \end{array}$$

f) ₹7045.42 ÷ 15 = ₹469.69

469.694

15	7045.42	
	60	↓
	104	↓
	90	↓
	145	↓
	135	↓
	104	↓
	90	↓
	142	↓
	135	↓
	70	↓
	60	↓
	10	↓

g) ₹9046.75 ÷ 25 = ₹361.87

$$\begin{array}{r}
 361.87 \\
 25 \overline{) 9046.75} \\
 \underline{75} \\
 154 \\
 \underline{150} \\
 46 \\
 \underline{25} \\
 217 \\
 \underline{200} \\
 675 \\
 \underline{175} \\
 0
 \end{array}$$

h) ₹10456.32 ÷ 8 = ₹1308.04

$$\begin{array}{r}
 1308.04 \\
 8 \overline{) 10456.32} \\
 \underline{8} \\
 24 \\
 \underline{24} \\
 05 \\
 \underline{0} \\
 56 \\
 \underline{56} \\
 03 \\
 \underline{0} \\
 32
 \end{array}$$

i) ₹45867.45 ÷ 5 = ₹9173.49

9173.49

5	4	5	8	6	7	.	4	5
	4	5						
	0	8						
		5						
		3	6					
		3	5					
			1	7				
			1	5				
				2	4			
				2	0			
					4	5		