

5 (B) Exercise

1. Fill in the blanks, do these mentally.

a) $12 \times 11 = 132$ ¹³²
~~132~~ ₁ 44 (b) $14 \times 12 = 168$

c) $15 \times 13 = 195$ (e) $16 \times 12 = 192$

d) ~~16~~
 e) $16 \times 16 = 256$ (f) $15 \times 15 = 225$

(g) $13 \times 13 = 169$ (h) $25 \times 1000 = 25000$

i) $34 \times 1000 = 34000$ ₤

2. Multiply

(a) ~~37~~ $\begin{array}{r} 119 \\ 3776 \\ \times 15 \\ \hline 46640 \end{array}$

(b) $\begin{array}{r} 2111 \\ 17464 \\ \times 43 \\ \hline 52392 \\ 69056 \\ \hline 742952 \end{array}$

(c) $\begin{array}{r} 21542154 \\ \times 124 \\ \hline 8616 \\ 4308 \\ 2154 \\ \hline 267096 \end{array}$

(d) $\begin{array}{r} 42616 \\ \times 35 \\ \hline 213080 \\ 127848 \\ \hline 1491560 \end{array}$

$$d) \quad 5383 \times 332$$

$$\begin{array}{r} 5383 \\ \times 332 \\ \hline 10766 \\ 16149 \\ 16149 \\ \hline 1787156 \end{array}$$

$$e) \quad 6324$$

$$\begin{array}{r} \times 762 \\ \hline 12728 \\ 37944 \\ \hline \end{array}$$

$$f) \quad 42616$$

$$\begin{array}{r} \times 15 \\ \hline 639240 \end{array}$$

$$g) \quad \begin{array}{r} \cancel{18714} \quad 18714 \\ \times 176 \\ \hline 112284 \\ 130998 \\ 18714 \\ \hline 3293664 \end{array}$$

$$h) \quad \begin{array}{r} 21 \\ 88600 \end{array}$$

$$\begin{array}{r} \times 323 \\ \hline 265800 \\ 177200 \\ 265800 \\ \hline 28517800 \end{array}$$

$$(i) \quad 334810$$

$$\begin{array}{r} \times 21 \\ \hline 7031010 \end{array}$$

3. A shop keeper sold 215 mobile phones, each costing Rs. 15,675. Calculate the total money he has collected through the sale.

ans Cost of one mobile phone = Rs = 15,675
 Cost of 215 mobile phone = Rs, 575 × 215 = 33,70,125

So, Total money ~~spend~~ spend by ~~shop~~ shopkeeper is

$$\begin{array}{r} 15675 \\ \times 215 \\ \hline 78375 \end{array}$$

So, Total money the shopkeeper has collected Rs 33,70,125

$$\begin{array}{r} 15675 \\ 31350 \\ \hline 3370125 \end{array}$$

4. A play ground is 1325 m long and 275 m wide. Find the Total area of the playground

s. The ~~longness~~ length of playground = 1325 m

The wideness of the playground = 275

Total area of the playground = 1325 × 275

So, The total area of the playground is 3,64,375 m

$$\begin{array}{r} 1325 \\ \times 275 \\ \hline 6625 \\ 9275 \\ 2650 \\ \hline 364375 \end{array} = 3,64,375$$

5. A water tank has the capacity of 15,680 liters. Find the quantity of water in 125 such tanks.

Capacity of 1 water tank = 15,680

~~Cap~~ No of water tank = 125

Capacity of water in 125 such watertank = 125 × 15680 = 1,95,000

So, The capacity of 125 water tanks are 1,95,000 L

$$\begin{array}{r} 15680 \\ \times 125 \\ \hline 78400 \\ 31360 \\ \hline 196000 \end{array}$$

6. A public school has 3,127 students. If each student pays ₹ 850 for their school excursion, calculate the amount of money collected by the school for excursion.

No of Students = 3127
 Money each students pays for excursion = 850
 Total money given for excursion = $850 \times 3127 = 2657950$

- So The school has
 collected 26,57,950 from
 3,127 for excursion.

3127	25
x 850	
0000	
15635	
<u>25016</u>	
2657950	

7. A ~~re~~ reputed computer firm 2,37,118 employees.
 If the company pays ₹ 750 per employee as a
 year bonus, how much money will be spent by the
~~com~~ company.

ans \Rightarrow No. of employees = 2,37,118
 No. of money they got each = 750
 Total money company give to employees = $750 \times$
 $2,37,118 = 17,78,28,500$

So, The ~~com~~ Company
 needs ₹ 17,78,28,500
 to give to employees as
 new year bonus

2,37,118
x 750
000000
1185590
<u>1659826</u>
177828500