

1. Multiply in the notebook

a. ~~64x45~~ 64x45

Ans-
$$\begin{array}{r} 64 \\ \times 45 \\ \hline 320 \rightarrow 64 \times 5 \\ + 2,560 \rightarrow 64 \times 40 \\ \hline 2,880 \end{array}$$

b. 58x72

Ans-
~~58x72~~
$$\begin{array}{r} 72 \\ \times 58 \\ \hline 1,578 \rightarrow 72 \times 8 \\ + 3,600 \rightarrow 72 \times 50 \\ \hline 4,176 \end{array}$$

c. 49x36

$$\begin{array}{r} 49 \\ \times 36 \\ \hline 294 \rightarrow 49 \times 6 \\ + 1,470 \rightarrow 49 \times 30 \\ \hline 1,764 \end{array}$$

d. 82×27

$$\begin{array}{r} 82 \\ \times 27 \\ \hline 575 \rightarrow 82 \times 7 \\ +1640 \rightarrow 82 \times 20 \\ \hline 2214 \end{array}$$

e. 94×89

$$\begin{array}{r} 94 \\ \times 89 \\ \hline 846 \rightarrow 94 \times 9 \\ +7520 \rightarrow 94 \times 80 \\ \hline 8366 \end{array}$$

then add the products. The answer remains the same.

Hw
30.6.2021
f)

$$634 \times 92 =$$

$$\begin{array}{r} 33 \\ 634 \\ \times 92 \\ \hline 1268 \\ + 57060 \\ \hline \underline{58328} \end{array}$$

$$\begin{array}{r} g) 754 \times 58 \\ \quad \quad \quad \overset{2}{4} \overset{2}{8} \\ \quad \quad \quad 754 \\ \times \quad 58 \\ \hline \textcircled{1} 6032 \\ 37700 \\ \hline \underline{43732} \end{array}$$

$$\begin{array}{r}
 \text{h. } \textcircled{1} \\
 \textcircled{643} \\
 \times 23 \\
 \hline
 \textcircled{1929} \\
 \textcircled{18860} \\
 \hline
 20789
 \end{array}$$

$$\begin{array}{r}
 \text{i. } \textcircled{1} \\
 682 \\
 \times 72 \\
 \hline
 1364 \\
 0
 \end{array}$$

1.
 - a) $408 \times 10 = 4080$
 - b) $128 \times 10 = 1280$
 - c) $89 \times 10 = 890$
 - d) $930 \times 10 = 9300$
 - e) ~~$1898 \times 10 = 18900$~~
 - f) ~~$2493 \times 10 = 24930$~~
 - g) ~~$56095 \times 10 = 560950$~~
 - h) ~~$78220 \times 10 = 782200$~~

2.

1 $47 \times 100 = 4700$

2 $708 \times 100 = 70800$

3 $568 \times 100 = 56800$

4 $7540 \times 100 = 754000$

5 $8922 \times 100 = 892200$

6 $63091 \times 100 = 6309100$

7 $98201 \times 100 = 9820100$

8 $99999 \times 100 = 9999900$

3. $64 \times 1000 = 64000$

$2310 \times 1000 = 2310000$

$464 \times 1000 = 464000$

$625 \times 1000 = 625000$

$4001 \times 1000 = 4000000$

$987 \times 1000 = 987000$

$8349 \times 1000 = 8349000$

$5466 \times 1000 = 5466000$

Cw
6-7-2021

EX-6(C)

a) 4142×16

$$\begin{array}{r}
 \overset{2}{4} \overset{1}{1} \\
 4142 \\
 \times \quad 16 \\
 \hline
 24852 \\
 +41420 \\
 \hline
 66272
 \end{array}$$

b) 8148×19

$$\begin{array}{r}
 \overset{1}{8} \overset{4}{1} \overset{7}{8} \\
 8148 \\
 \times \quad 19 \\
 \hline
 73332 \\
 +81480 \\
 \hline
 154812
 \end{array}$$

c) 3163×98

$$\begin{array}{r}
 \overset{1}{3} \overset{5}{1} \overset{2}{6} \overset{3}{3} \\
 3163 \\
 \times \quad 98 \\
 \hline
 25304 \\
 +284670 \\
 \hline
 309974
 \end{array}$$

d) 9076×63

$$\begin{array}{r}
 \overset{7}{9} \overset{1}{0} \\
 9076 \\
 \times \quad 63 \\
 \hline
 27228 \\
 +544560 \\
 \hline
 571788
 \end{array}$$

e) 7805×82

$$\begin{array}{r}
 7805 \\
 \times \quad 82 \\
 \hline
 15610 \\
 +624400 \\
 \hline
 640010
 \end{array}$$

f) 67368×12

$$\begin{array}{r}
 \overset{2}{6} \overset{1}{7} \overset{1}{3} \overset{6}{8} \\
 67368 \\
 \times \quad 12 \\
 \hline
 134736 \\
 +673680 \\
 \hline
 808416
 \end{array}$$

H.W
6-7-2021

$$\begin{array}{r} g) \quad 50,515 \times 29 \\ \quad \quad \quad \overset{1}{4} \overset{1}{4} \overset{1}{4} \\ \quad \quad \quad 50,515 \\ \quad \times \quad \quad 29 \\ \hline \quad \quad 454,635 \\ \quad 1010,300 \\ \hline \quad 14,64,935 \end{array}$$

$$\begin{array}{r} h) \quad 31,789 \times 59 \\ \quad \quad \quad \overset{3}{1} \overset{4}{7} \overset{4}{8} \overset{4}{8} \\ \quad \quad \quad 31,789 \\ \quad \times \quad \quad 59 \\ \hline \quad \quad 286,101 \\ \quad 158,9450 \\ \hline \quad 18,75,551 \end{array}$$

$$\begin{array}{r} i) \quad 89,022 \times 43 \\ \quad \quad \quad \overset{3}{8} \\ \quad \quad \quad 89,022 \\ \quad \times \quad \quad 43 \\ \hline \quad \quad 267,066 \\ \quad 356,088 \\ \hline \quad 6,23,154 \end{array}$$

$$\begin{array}{r} j) \quad 29,885 \times 99 \\ \quad \quad \quad \overset{8}{8} \overset{7}{7} \overset{7}{7} \overset{4}{4} \\ \quad \quad \quad 29,885 \\ \quad \times \quad \quad 99 \\ \hline \quad \quad 268,965 \\ \quad 268,9650 \\ \hline \quad 29,58,615 \end{array}$$

(w)
7-2-2021

EX-6CD)

Multiply

a) Four hundred ninety six by two hundred sixty two.

$$\begin{array}{r}
 496 \\
 \times 262 \\
 \hline
 992 \\
 29760 \\
 +99200 \\
 \hline
 128952
 \end{array}$$

b) Seven thousand eighteen by one hundred twenty.

$$\begin{array}{r}
 7018 \\
 \times 120 \\
 \hline
 0000 \\
 140360 \\
 +701800 \\
 \hline
 842160
 \end{array}$$

c) Nine thousand two hundred fifty five by three hundred ten.

$$\begin{array}{r}
 9255 \\
 \times 310 \\
 \hline
 0000 \\
 92550 \\
 +2776500 \\
 \hline
 2869050
 \end{array}$$

~~9255~~
~~00~~

d) Eight hundred twenty five by four hundred eight six.

$$\begin{array}{r}
 825 \\
 \times 486 \\
 \hline
 4950 \\
 66000 \\
 +330000 \\
 \hline
 400950
 \end{array}$$

e) Seventy thousand five ~~thousand~~ hundred seventeen
by one hundred eighteen

415
7517
<u>118</u>
60130
60130
75170
751700
<u>887000</u>

415
70,517
<u>118</u>
564,136
705170
<u>7051700</u>
83,21,006

c) 902×436

$$\begin{array}{r} 1 \\ 902 \\ \times 436 \\ \hline 5412 \\ 327060 \\ 360800 \\ \hline 393,272 \end{array}$$

d) 783×298

$$\begin{array}{r} 2 \quad 26 \\ 783 \\ \times 298 \\ \hline 6264 \\ 70470 \\ 156600 \\ \hline 233,334 \end{array}$$

e) 524×421

$$\begin{array}{r} 524 \\ \times 421 \\ \hline 524 \end{array}$$

Exercise - 6(D)

WORD PROBLEMS:

The cost of a toaster is Rs 1,750
a shopkeeper bought 50 toaster
for selling how much did he
pay for 50 toaster

The cost of a toaster = Rs. 1750
The cost of 50 toaster = Rs. 87,500

$$\begin{array}{r}
 \overset{3}{1} \overset{2}{7} 50 \\
 \times \quad 50 \\
 \hline
 0,000 \\
 \star 87,500 \\
 \hline
 87,500
 \end{array}$$

∴ The cost of 50 toaster is Rs. 87,500

Q2. A man bought 120 bags of apple
Each bag contains 2,121 apples
How many apples are there in all?

Ans → Number of apples in each bag = 2,121
Number of apples in 120 bag = 2,33,520

$$\begin{array}{r}
 2121 \\
 \times \quad 120 \\
 \hline
 0000 \\
 21420 \\
 + 212100 \\
 \hline
 233520
 \end{array}$$

∴ 2,33,520 apples are there in
120 bags

Q3. A shopkeeper sells 16,520 packet of milk. Each packet ~~costs~~ How much money did he get at the end.

Ans → Cost of each milk packet = 25
The cost of 16,520 packet of milk = 3,13,000

$$\begin{array}{r} 16520 \\ \times 25 \\ \hline 82600 \\ + 330400 \\ \hline 313000 \end{array}$$

∴ At the end he got 3,13,000

Q4. Mohan distributed toffes on his birthday. There were 8,552 students and 25 teachers. Whome he distributed 4 toffees each. How many toffes he distributed

Ans → Number of student = 8,552
Number of Teacher = 25
Total number of people = 8577
Number of toffes distributed to each person = 4

$$\begin{array}{r} 8552 \\ + 25 \\ \hline 8577 \\ \times 4 \\ \hline 34308 \end{array}$$

∴ Mohan distributed 34,308 toffes

Q5) A society has 19 floors. If there 32701 people on each floor, how many people are there in the society?

Ans → Number of floors = 19
Number of people are there in society = ~~6213~~

$$\begin{array}{r}
 26 \\
 32,701 \\
 \times \quad 19 \\
 \hline
 29,4309 \\
 + 32,7001 \\
 \hline
 62,27010
 \end{array}$$

∴ 62,27010 people are there in the society.

Q6) A train has 18 compartments and each compartments consists of 3,178 passengers at peak hours. How many passengers travel in the train in the during peak hours?

Ans → Number of compartments = 18
Number of passengers travel during peak hours =

$$\begin{array}{r}
 148 \\
 3,178 \\
 \times \quad 18 \\
 \hline
 25224 \\
 + 31780 \\
 \hline
 57,004
 \end{array}$$

∴ 57,004 people travel during peak hours.

Q7. In a park there are ~~88~~ 31,250 flower plants and 78,178 trees in a row. Calculate the total number of trees and plants in 15 such rows

Ans → Number of flower plants = 31,250
 Number of Trees = 78,178
 Total number of plant and trees = 1,09,428
 Total number of plants in 1 row = 1,09,428
 Total trees and plants in 15 row =

$$\begin{array}{r} 1 \\ 31250 \\ + 78178 \\ \hline 1,09,428 \end{array}$$

$$\begin{array}{r} 109428 \\ \times 15 \\ \hline 547140 \\ + 1094280 \\ \hline 16,41,420 \end{array}$$

∴ There are 16,41,420 plants and trees in 15 rows.

Q8. What will be the cost of 25 cars if one car cost ~~Rs.~~ Rs. 3,24,230

Ans → The cost of car = Rs. 3,24,230
 The cost of 25 cars = ~~Rs.~~ Rs. 81,05,750

$$\begin{array}{r} 3,24,230 \\ \times 25 \\ \hline 16,21,150 \\ + 64,84,600 \\ \hline 81,05,750 \end{array}$$

∴ The cost 25 cars are 81,05,750

Q9. Aman has 10 notes of Rs. 2,000, and 19 notes of Rs. 500. How much did he have?

Ans → Number of 2,000 notes = 10
He has total money • 2,000 notes = 20,000
Number of 500 notes = 19
He has total number of 500 notes = 9,500
 $2,000 \times 10 = 20,000$

$$\begin{array}{r} 500 \\ \times 19 \\ \hline 4500 \\ + 5000 \\ \hline 9,500 \end{array}$$

∴ Aman have 9,500 money left with him.

Q10 A factory produce 3500 boxes a day. How many boxes will be produced in the month of March and April (March = 31 days & April = 30 days)

Ans → Total number of days in March = 31
Total number of days in April = 30
Total number of days = 61
The factory produce the boxes in a day = 3,500
The factory will produce boxes in 61 days = 21,3500

$$\begin{array}{r} 31 \\ + 30 \\ \hline 61 \end{array}$$

$$\begin{array}{r} 3,500 \\ \times 61 \\ \hline 3500 \\ + 210000 \\ \hline 2,13,500 \end{array}$$

∴ 21,35,000 boxes were produced