

Exercise 5 (B)

1) Fill in the blanks. Do these mentally.

a) $12 \times 11 = \underline{132}$

b) $14 \times 12 = \underline{168}$

c) $15 \times 13 = \underline{195}$

d) $16 \times 12 = \underline{192}$

e) $16 \times 16 = \underline{256}$

f) $15 \times 15 = \underline{225}$

g) $13 \times 13 = \underline{169}$

h) $25 \times 1000 = \underline{25000}$

1) $34 \times 1000 = \underline{34000}$

2) Multiply.

a) 3776×15

$$\begin{array}{r}
 \textcircled{2} \quad \textcircled{2} \quad \textcircled{3} \\
 3 \quad 7 \quad 7 \quad 6 \\
 \times \textcircled{1} \quad \textcircled{1} \quad \textcircled{1} \quad 1 \quad 5 \\
 \hline
 18880 \\
 + 37760 \\
 \hline
 55640
 \end{array}$$

Ans - 55,640

b) 17464×43

$$\begin{array}{r}
 \textcircled{2} \quad \textcircled{1} \quad \textcircled{2} \quad \textcircled{1} \\
 1 \quad 7 \quad 4 \quad 6 \quad 4 \\
 \times \textcircled{1} \quad \textcircled{1} \quad \textcircled{1} \quad 4 \quad 3 \\
 \hline
 52392 \\
 + 698560 \\
 \hline
 750952
 \end{array}$$

Ans - 7,50,952

c) 2154×124

$$\begin{array}{r}
 \textcircled{1} \\
 \textcircled{2} \quad \textcircled{1} \\
 2 \quad 1 \quad 5 \quad 4 \\
 \times \textcircled{1} \quad \textcircled{1} \quad \textcircled{1} \quad 2 \quad 4 \\
 \hline
 8616 \\
 43080 \\
 215400 \\
 \hline
 267096
 \end{array}$$

Ans - 2,67,096

d) 5383×332

$$\begin{array}{r}
 \textcircled{1} \quad \textcircled{2} \quad \textcircled{2} \\
 \textcircled{1} \quad \textcircled{1} \\
 5 \quad 3 \quad 8 \quad 3 \\
 \times \textcircled{2} \quad \textcircled{1} \quad \textcircled{1} \quad 3 \quad 3 \quad 2 \\
 \hline
 10766 \\
 151490 \\
 1614900 \\
 \hline
 1787156
 \end{array}$$

Ans - 17,87,156

Date

11/5/2021

Homework



e) 6324 x 762

Handwritten multiplication for 6324 x 762 with circled digits and a final answer of 48,18,888.

Ans - 48,18,888

f) 42616 x 35

Handwritten multiplication for 42616 x 35 with circled digits and a final answer of 14,91,560.

Ans - 14,91,560

g) 18714 x 176

Handwritten multiplication for 18714 x 176 with circled digits.

h) 88600 x 323

Handwritten multiplication for 88600 x 323 with circled digits.

Handwritten multiplication for 18714 x 176 with circled digits and a final answer of 3,29,3664.

Q) 334810×21

$$\begin{array}{r} 334810 \\ \times 21 \\ \hline 669620 \\ + 669620 \\ \hline 1004430 \end{array}$$

12/5/2021

Word Problems

Date
Page

3)

Ans - Shopkeeper sold ^{mobile} ~~mobile~~ phone = 215

Cost of each mobile phone = ₹ 15,675

$$\begin{array}{r} \textcircled{1} \quad \textcircled{1} \quad \textcircled{1} \quad \textcircled{1} \\ \textcircled{2} \quad \textcircled{3} \quad \textcircled{3} \quad \textcircled{2} \\ 1 \quad 5 \quad 6 \quad 7 \quad 5 \\ \times \quad \textcircled{1} \quad \textcircled{2} \quad \textcircled{1} \quad \textcircled{2} \quad \textcircled{1} \quad 5 \\ \hline 7 \quad 8 \quad 3 \quad 7 \quad 5 \\ + \quad 1 \quad 5 \quad 6 \quad 7 \quad 5 \quad \times \\ \hline + \quad 3 \quad 1 \quad 3 \quad 5 \quad 0 \quad \times \quad \times \\ \hline \text{₹ } 33,70,125 \end{array}$$

Hence, the shopkeeper has collected

₹ 33,70,125 money through the sale

Length of the playground = 1325 m
 Breadth of the playground = 275 m
 Area of the playground = 1325×275

	1	3	2	5
0	0	6	6	5
	9	2	7	5
2	6	5	0	X
3	6	4	3	7

Hence, the area of the playground is 3,64,375 sq.m.

5)

Ans Capacity of a water tank - 15,680

No. of water tanks - 125

$$\begin{array}{r}
 \textcircled{1} \quad \textcircled{1} \quad \textcircled{1} \\
 \textcircled{2} \quad \textcircled{3} \quad \textcircled{4} \\
 \times \quad 1 \quad 5 \quad 6 \quad 8 \quad 0 \\
 \hline
 \textcircled{1} \quad \textcircled{2} \quad \textcircled{1} \quad 1 \quad 2 \quad 5 \\
 \times \quad 7 \quad 8 \quad 4 \quad 0 \quad 0 \\
 \hline
 + \quad 3 \quad 1 \quad 3 \quad 6 \quad 0 \quad \times \\
 \hline
 + \quad 1 \quad 5 \quad 6 \quad 8 \quad 0 \quad \times \quad \times \\
 \hline
 1 \quad 9 \quad , \quad 6 \quad 0 \quad , \quad 0 \quad 0 \quad 0 \quad \text{l.}
 \end{array}$$

Hence, the quantity of water in

125 such ~~takes~~ tanks is ~~19,60,000~~

19,60,000 litres.

6)

Ans No. of students in a school - 3,127

Amount each student pays - ₹ 850

$$\begin{array}{r}
 \begin{array}{cccc}
 & \textcircled{1} & \textcircled{2} & \textcircled{5} \\
 & 3 & 1 & 2 & 7 \\
 \times & & 8 & 5 & 0 \\
 \hline
 & 0 & 0 & 0 & 0 \\
 1 & 5 & 6 & 3 & 5 & \times \\
 + 2 & 5 & 0 & 1 & 6 & \times & \times \\
 \hline
 \text{₹} & 2 & 6 & , & 5 & 7 & , & 9 & 5 & 0
 \end{array}
 \end{array}$$

Hence, ₹ 26,57,950 money was collected by the school for the excursion.

