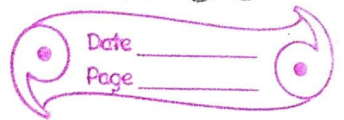


Chapter-5 Worksheet

Multiplication



1. Solve :

A. Multiply the following by using tables.

a. $6 \times 4 = \underline{24}$

b. $12 \times 5 = \underline{60}$

B. Use multiplication tables to complete the patterns.

1. 2, 4, 6, 8, 10, 12, 14, 16

2. 3, 6, 9, 12, 15, 18, 21, 24

c. Multipl the following.

1. $\begin{array}{r} 1 \\ 3241 \end{array}$ 2. $\begin{array}{r} 2 \\ 8301 \end{array}$

$$\begin{array}{r} \times \quad \quad 4 \\ \hline 12964 \end{array}$$

$$\begin{array}{r} \times \quad \quad 7 \\ \hline 58107 \end{array}$$

D. State whether the following true or false.

1. $47 \times 8 = 376$ True

2. $80 \times 6 = 540$ False

E. Find the product

1. $\begin{array}{r} 1 \\ 23 \end{array}$ 2. $\begin{array}{r} 3 \\ 35 \end{array}$

$$\begin{array}{r} \times 24 \\ 192 \\ + 460 \\ \hline 552 \end{array}$$

$$\begin{array}{r} \times 16 \\ 210 \\ + 350 \\ \hline 560 \end{array}$$

II. Do as directed

A. Estimate the following products to nearest 10.

$$2598 \times 37$$

Actual product

Rounding off to $(2598 \times 37) = 96126$

the nearest 10

we get $2600 \times$

$$40 = 104000$$

$$\begin{array}{r} 2 \\ 2600 \end{array}$$

$$\begin{array}{r} \times 40 \\ 0000 \end{array}$$

$$\begin{array}{r} + \\ 104000 \\ \hline 104000 \end{array}$$

$$\begin{array}{r} 122 \\ \cancel{485} \\ 2598 \end{array}$$

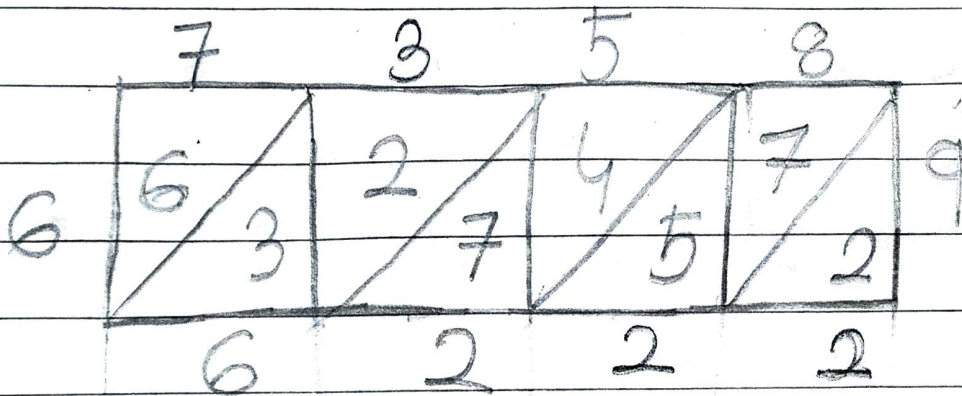
$$\begin{array}{r} \times 37 \\ \hline \end{array}$$

$$\begin{array}{r} 111 \\ 18186 \end{array}$$

$$\begin{array}{r} + \\ 77940 \\ \hline 96126 \end{array}$$

B. Multiply the following using
Lattice Multiplication

$$7358 \times 9 =$$



C. Multiply the following

$$\begin{array}{r}
 21 \\
 \times 39 \\
 \hline
 189 \\
 7155 \\
 + \\
 23850 \\
 \hline
 31005
 \end{array}$$

Story sums.

4. Multiply the largest 3-digit number by the largest 2-digit number.

Ans - The largest 3-digit no. = 999

The largest 2-digit no. = 99

$$999 \times 99 = 98901$$

$$\begin{array}{r}
 \begin{array}{r}
 8 \quad 8 \\
 8 \quad 8 \\
 9 \quad 9 \quad 9
 \end{array} \\
 \times \quad 99 \\
 \hline
 1 \quad 1 \quad 1 \\
 8 \quad 9 \quad 9 \quad 1 \\
 + \\
 8 \quad 9 \quad 9 \quad 1 \quad 0 \\
 \hline
 9 \quad 8 \quad 9 \quad 0 \quad 1
 \end{array}$$

∴ The product will be 98901

2. A florist wants to make 37 bouquets with 45 flowers in each flowers in each bouquet. How many flowers does he need?

Ans- No. of flowers in each bouquet = 45

No. of bouquets florist wants to make = 37

Total no. flowers florist needs =

$$\begin{array}{r} 1 \\ 3 \\ \hline 45 \\ \times \\ 37 \\ \hline \end{array}$$

$$\begin{array}{r} 315 \\ +1350 \\ \hline 1665 \end{array}$$

∴ He needs 1665 flowers.