

# Worksheet Chapter - 5

## Multiplication

1. Solve

A. Multiply the following by using tables :-

1)  $6 \times 4 = \underline{24}$       (2)  $12 \times 5 = \underline{60}$

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) Multiply the following :-

$$\begin{array}{r} 1 \\ 13241 \\ \times \quad \quad 4 \\ \hline 12964 \end{array}$$

$$\begin{array}{r} 2 \\ 8301 \\ \times \quad \quad 7 \\ \hline 56107 \end{array}$$

D. State whether the following are true or false

1)  $47 \times 8 = 376$  True

2)  $80 \times 6 = 540$  False

E. Find the product :-

$$\begin{array}{r} 1 \\ 1) \quad 2 \quad 3 \\ \times \quad 2 \quad 4 \\ \hline 9 \quad 2 \\ + 4 \quad 6 \\ \hline 5 \quad 5 \quad 2 \end{array}$$

$$\begin{array}{r} 3 \\ (2) \quad 3 \quad 5 \\ \times \quad 1 \quad 6 \\ \hline 2 \quad 1 \quad 0 \\ + 3 \quad 5 \\ \hline 5 \quad 6 \quad 0 \end{array}$$

11. Do as directed

A) Estimate the following products to nearest 10.

2598  $\times$  37

Rounding off to the nearest 10, we get

$2600 \times 40 = 104000$

$$\begin{array}{r} 2600 \\ \times 40 \\ \hline 20000 \\ + 8400 \\ \hline 104000 \end{array}$$

Actual product =  $2598 \times 37 = 96126$

$$\begin{array}{r} 475 \\ 2598 \\ \times 37 \\ \hline 111 \\ 122 \\ \hline 18186 \\ 6574 \\ \hline 96126 \end{array}$$

B) Multiply the following using Lattice Multiplication

$$7358 \times 9$$

	7	3	5	8	
6	6	2	4	7	9
	3	7	5	2	
	5	11	①2	2	
	①+5=6	①+11=12			

$8 \times 9 = 72$   
 $5 \times 9 = 45$   
 $3 \times 9 = 27$   
 $7 \times 9 = 63$

Ans - 66222

c) Multiply the following :-

$$\begin{array}{r}
 795 \\
 \times 39 \\
 \hline
 7155 \\
 + 2385 \\
 \hline
 31005
 \end{array}$$

D) Story sums :-

1) Multiply the largest 3-digit number by the largest 2-digit number.

Ans -

$$\begin{array}{r}
 888 \\
 \times 99 \\
 \hline
 8991 \\
 + 8991 \\
 \hline
 98901
 \end{array}$$

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

$$\begin{array}{r}
 \text{Ans- Number of flowers} = 45 \\
 \text{Number of bouquets} = \times 37 \\
 \hline
 315 \\
 + 135 \\
 \hline
 \end{array}$$

Total no. of flowers he need 1665

∴ 1665 flowers he need.