

1. solve :-

A. Multiply the following by using tables.

1)  $6 \times 4 = 24$

2)  $12 \times 5 = 60$

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.

1) 
$$\begin{array}{r} \textcircled{1} \\ 3241 \\ \times 4 \\ \hline \end{array}$$

$$\boxed{12964}$$

2) 
$$\begin{array}{r} \textcircled{2} \\ 8301 \\ \times 7 \\ \hline \end{array}$$

$$\boxed{58107}$$

b. State whether the following are true or false

1)  $47 \times 8 = 376$  True

2)  $80 \times 6 = 540$  false

E. Find the product.

$$\begin{array}{r} \textcircled{1} \\ 123 \\ \times 24 \\ \hline 492 \\ + 246 \\ \hline 2952 \end{array}$$

$$\begin{array}{r} \textcircled{2} \\ 2) 35 \\ \times 16 \\ \hline 210 \\ + 35 \\ \hline 560 \end{array}$$

II. Do as directed.

A) Estimate the following products to nearest 10.

$$\textcircled{1} \quad 2598 \times 37$$

Rounding off to the nearest 10 we get -  $2600 \times 40$

$$\begin{array}{r} \textcircled{2} \\ 2600 \\ \times 40 \\ \hline 0000 \\ + 104000 \\ \hline 104000 \end{array}$$

Actual product =  $(2598 \times 37) = 96126$

$$\begin{array}{r}
 \textcircled{1} \textcircled{2} \textcircled{3} \\
 2598 \\
 \times 37 \\
 \hline
 18186 \\
 + 77940 \\
 \hline
 96126
 \end{array}$$

B) Multiply the following using lattice multiplication.

$$\begin{array}{r}
 7358 \times 9 \\
 \begin{array}{|c|c|c|c|} \hline 7 & 3 & 5 & 8 \\ \hline \end{array} \\
 \begin{array}{|c|c|c|c|} \hline 6 & 2 & 4 & 7 \\ \hline \end{array} \\
 \begin{array}{|c|c|c|c|} \hline 6 & 3 & 7 & 8 \\ \hline \end{array} \\
 \begin{array}{|c|c|c|c|} \hline 6 & 2 & 2 & 2 \\ \hline \end{array}
 \end{array}$$

$$7358 \times 9 = 66222$$

C) Multiply the following.

$$\begin{array}{r}
 \textcircled{2} \textcircled{8} \textcircled{1} \\
 295 \\
 \times 39 \\
 \hline
 2385 \\
 + 7155 \\
 \hline
 9540
 \end{array}$$

1) Very sums.

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

Ans. largest 3-digit number = 999

largest 2-digit number = 99

$$\begin{array}{r} \text{The product of these numbers is} \\ \begin{array}{r} 1 \text{ (1)} \\ 999 \\ \times 99 \\ \hline 98910 \end{array} \end{array}$$

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

No. of bouquets the florist wants to make = 37

No. of flowers in each bouquet = 45

No. of flowers he need =  $45 \times 37$

$$\begin{array}{r} \phantom{0} \overset{1}{\cancel{4}} \phantom{0} 5 \\ \times \phantom{0} 37 \\ \hline \phantom{0} 315 \\ + \phantom{0} 1350 \\ \hline \phantom{0} 1665 \end{array}$$

$\therefore$  1665 flowers he need.