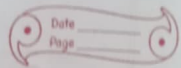


ch-5 Multiplication



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.

$$\begin{array}{r} 1 \\ 3241 \\ \times \quad 4 \\ \hline 12964 \end{array}$$

$$\begin{array}{r} 2 \\ 8301 \\ \times \quad 7 \\ \hline 58107 \end{array}$$

D) State whether the following are true or false.

E) $47 \times 8 = 376$ True

2) $80 \times 6 = 540$ False

E. Find the product.

$$\begin{array}{r} 1 \\ 23 \\ \times 24 \\ \hline 92 \\ 460 \\ \hline 552 \end{array}$$

$$\begin{array}{r} 3 \\ 35 \\ \times 16 \\ \hline 210 \\ + 350 \\ \hline 560 \end{array}$$

II. Do as directed.

A) Estimate the following products to nearest 10.

$$\begin{array}{r} 2528 \times 37 \\ \hline 1650 \\ 2598 \\ \hline 937 \end{array}$$

nearest 10

$$\begin{array}{r} 17626 \\ \times 17630 \\ \hline 118186 \\ + 152740 \\ \hline 176126 \end{array}$$

B) Multiply the following using Lattice multiplication.

$$\begin{array}{r} 7358 \times 9 \\ \underline{66222} \end{array}$$

C) Multiply the following

$$\begin{array}{r} 2841 \\ \times 39 \\ \hline 17155 \end{array}$$

$$\begin{array}{r} + 23850 \\ \hline 31005 \end{array}$$

D) Story Sums.

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

Ans. The largest 3-digit number = 999

The largest 2-digit number = 99
 $999 \times 99 = 98901$

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

Ans. 1 - bouquet = 45 flowers

$$\begin{array}{r} 37 \text{ bouquets} = 45 \times 37 = \\ \underline{1665} \end{array}$$

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

∴ A florist need 1665 flowers