

Chapter- 5

MULTIPLICATION

WORKSHEET

I. 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.

$$\begin{array}{r} 1) \quad 3 \ 2 \ 4 \ 1 \\ \times \quad \quad \quad 4 \\ \hline 12 \ 9 \ 6 \ 4 \end{array}$$

$$\begin{array}{r} 2) \quad 8 \ 3 \ 0 \ 1 \\ \times \quad \quad \quad 7 \\ \hline 5 \ 8 \ 1 \ 0 \ 7 \end{array}$$

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.

$$\begin{array}{r} 1) \quad \begin{array}{r} 1 \\ 2 \ 3 \\ \times 2 \ 4 \\ \hline 9 \ 2 \\ + 4 \ 6 \ 0 \\ \hline 5 \ 5 \ 2 \end{array} \quad \begin{array}{r} 2 \\ 2 \ 3 \\ \times 2 \ 4 \\ \hline 9 \ 2 \\ + 4 \ 6 \ 6 \\ \hline 5 \ 5 \ 2 \end{array} \end{array}$$

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

II. Do as directed.

A) Estimate the following products to nearest 10.

2598×37

A. Estimate

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(2)

$$2598 \times 37 = 96126$$

$$2600 \times 40 = 104000$$

After estimating we get
2600 and 40

$$\begin{array}{r} 26 \\ \underline{104} \end{array}$$

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

now we have to take
out the Actual difference

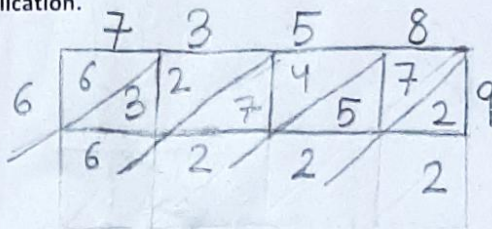
$$\begin{array}{r} 465 \\ 2598 \\ \times \quad 37 \\ \hline 18186 \\ + 77940 \\ \hline 96126 \end{array}$$

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B) Multiply the following using Lattice multiplication.

7358 x 9

ans: 66222



C) Multiply the following.

$$\begin{array}{r}
 84 \\
 795 \\
 \times 39 \\
 \hline
 7155 \\
 2850 \\
 \hline
 31005
 \end{array}$$

D) Story sums.

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

ANS. The largest 3-digit number is =
The largest 2-digit number is =
After multiplying we get = 98901

$$\begin{array}{r}
 999 \\
 \times 99 \\
 \hline
 9990 \\
 8991 \\
 \hline
 98901
 \end{array}$$

1) 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 bouquet the florist
wants to make =
No. of flowers in each bouquet =
Total no. of flowers he need

$$\begin{array}{r}
 37 \\
 \times 45 \\
 \hline
 185 \\
 1580 \\
 \hline
 1665
 \end{array}$$

- END -

∴ He need 1665 flowers.

D. story sum

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1

$$\begin{array}{r} 999 \\ \times 99 \\ \hline 8991 \\ + 89910 \\ \hline 98901 \end{array}$$

2

$$\begin{array}{r} 3 \\ 45 \\ \times 37 \\ \hline 315 \\ + 1350 \\ \hline 1665 \end{array}$$