LONG MULTIPLICATION

A MULTIPLICATION TABLES FOR MULTIPLES OF 10

A.1 MULTIPLYING FOR MULTIPLES OF 10

Ex 1:

$3 \times 50 =$ ☐

Ex 2:

$4 \times 20 =$ ☐

Ex 3:

$2 \times 70 =$ ☐

Ex 4:

$3 \times 60 =$ ☐

Ex 5:

$5 \times 40 =$ ☐

Ex 6:

$6 \times 50 =$ ☐

Ex 7:

$4 \times 90 =$ ☐

A.2 MULTIPLYING FOR MULTIPLES OF 10

Ex 8:

$30 \times 5 =$ ☐

Ex 9:

$40 \times 6 =$ ☐

Ex 10:

$50 \times 7 =$ ☐

Ex 11:

$20 \times 8 =$ ☐

Ex 12:

$60 \times 4 =$ ☐

Ex 13:

$70 \times 3 =$ ☐

Ex 14:

$90 \times 2 =$ ☐

A.3 MULTIPLYING FOR MULTIPLES OF 100

Ex 15:

$900 \times 2 =$ ☐

Ex 16:

$700 \times 3 =$ ☐

Ex 17:

$400 \times 5 =$ ☐

Ex 18:

$600 \times 4 =$ ☐

Ex 19:

$800 \times 6 =$ ☐

Ex 20:

$500 \times 7 =$ ☐

A.4 MULTIPLYING BY TENS

Ex 21: We know that $25 \times 3 = 75$.

$25 \times 30 =$ ☐

Ex 22: We know that $12 \times 4 = 48$.

$12 \times 40 =$ ☐

Ex 23: We know that $31 \times 2 = 62$.

$31 \times 20 =$ ☐

Ex 24: We know that $15 \times 6 = 90$.

$15 \times 60 =$ ☐

B LONG MULTIPLICATION BY ONE-DIGIT NUMBERS

B.1 MULTIPLYING 2 DIGIT NUMBERS TIMES 1 DIGIT NUMBERS

Ex 25: Set up a column multiplication to calculate:

$15 \times 6 =$ ☐

Ex 26: Set up a column multiplication to calculate:

$35 \times 4 =$ ☐

Ex 27: Set up a column multiplication to calculate:

$63 \times 5 =$ ☐

Ex 28: Set up a column multiplication to calculate:

$74 \times 7 =$ ☐

Ex 29: Set up a column multiplication to calculate:

$87 \times 9 =$ ☐

B.2 MULTIPLYING 3 DIGIT NUMBERS TIMES 1 DIGIT NUMBERS

Ex 30: Set up a column multiplication to calculate:

$765 \times 2 =$ ☐

Ex 31: Set up a column multiplication to calculate:

$453 \times 4 =$ ☐

Ex 32: Set up a column multiplication to calculate:

$652 \times 5 =$ ☐

Ex 33: Set up a column multiplication to calculate:

$341 \times 9 =$ ☐

C LONG MULTIPLICATION BY MULTI-DIGIT NUMBERS

C.1 MULTIPLYING 2 DIGIT NUMBERS TIMES 2 DIGIT NUMBERS

Ex 34:

$$\begin{array}{r} 3\ 7 \\ \times\ 1\ 2 \\ \hline \\ \\ \hline \\ \end{array}$$

$37 \times 12 =$ ☐

Ex 35:

$$\begin{array}{r} 4\ 5 \\ \times\ 5\ 6 \\ \hline \\ \\ \hline \\ \end{array}$$

$45 \times 56 =$ ☐

Ex 36:

$$\begin{array}{r} 3\ 5 \\ \times\ 2\ 9 \\ \hline \\ \\ \hline \\ \end{array}$$

$35 \times 29 =$ ☐

Ex 37:

$$\begin{array}{r} 9\ 9 \\ \times\ 9\ 9 \\ \hline \\ \\ \hline \\ \end{array}$$

$99 \times 99 =$ ☐

C.2 MULTIPLYING 3 DIGIT NUMBERS TIMES 2 DIGIT NUMBERS

Ex 38:

$$\begin{array}{r} 2\ 7\ 4 \\ \times\ \ 1\ 2 \\ \hline \\ \\ \hline \\ \end{array}$$

$274 \times 12 =$ ☐

Ex 39:

$$\begin{array}{r} 4\ 5\ 6 \\ \times\ \ 4\ 1 \\ \hline \\ \\ \hline \\ \end{array}$$

$456 \times 41 =$ ☐

Ex 40:

$$\begin{array}{r} 3\ 4\ 0 \\ \times\ \ 9\ 1 \\ \hline \\ \\ \hline \\ \end{array}$$

$340 \times 91 =$ ☐

Ex 41:

$$\begin{array}{r} 9\ 2\ 1 \\ \times\ \ 7\ 5 \\ \hline \\ \\ \hline \\ \end{array}$$

$921 \times 75 =$ ☐