

SESSION : 9
CLASS : IV
SUBJECT : MATHEMATICS
CHAPTER NUMBER : 6
CHAPTER NAME : MULTIPLICATION
**SUBTOPIC : MULTIPLYING LARGER NUMBERS
BY A 2-DIGIT NUMBER,
EXERCISE-6 C**

CHANGING YOUR TOMORROW

LEARNING OBJECTIVE

- Enable the students to understand how to multiply larger numbers by a 2-digit number.

MULTIPLYING LARGER NUMBERS BY A 2-DIGIT NUMBER

EXAMPLE

Multiply 6,748 by 27

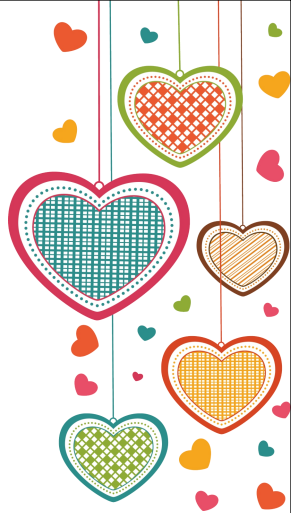
L	TTh	Th	H	T	O	
		6	7	4	8	
			×	2	7	
<hr/>						
	4	7	2	3	6	
+ 1	3	4	9	6	0	
<hr/>						
	1,	8	2,	1	9	6

Step 1 : Multiply 6,748 by 7 and write the product as shown.

Step 2 : Before multiplying with the tens digit of the multiplier, write **0** in the ones place as shown.

Step 3 : Multiply 6,748 by 2 and write the product as shown.

Step 4 : Add the products to get the final answer.



EXERCISE – 6(C)

Multiply in your notebook.

a) $4,142 \times 16$

ANSWER

$$\begin{array}{r} 4,142 \\ \times 16 \\ \hline \end{array}$$

①

$$\begin{array}{r} 24852 \longrightarrow 4,142 \times 6 \\ + 41420 \longrightarrow 4,142 \times 10 \\ \hline 66272 \end{array}$$



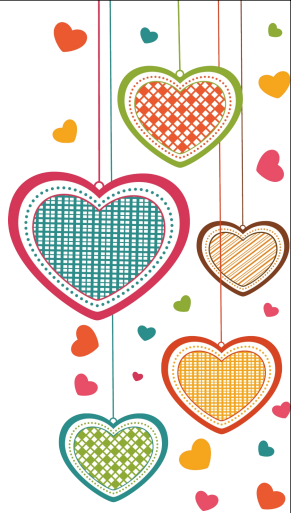
EXERCISE – 6(C)

Multiply in your notebook.

b) $8,148 \times 19$

ANSWER

	8,	1	4	8	
		×	1	9	
		①			
7	3	3	3	2	→ $8,148 \times 9$
+	8	1	4	8	0
1,	5	4,	8	1	2



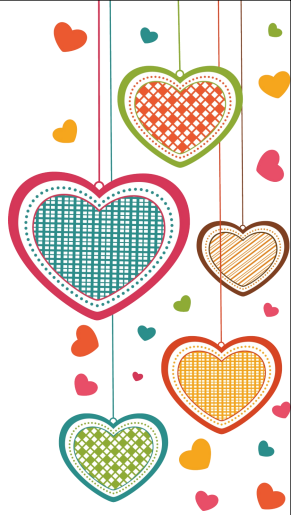
EXERCISE – 6(C)

Multiply in your notebook.

c) $3,163 \times 98$

ANSWER

$$\begin{array}{r} 3,163 \\ \times 98 \\ \hline \textcircled{1} 25304 \longrightarrow 3,163 \times 8 \\ + 284670 \longrightarrow 3,163 \times 90 \\ \hline 3,09974 \end{array}$$



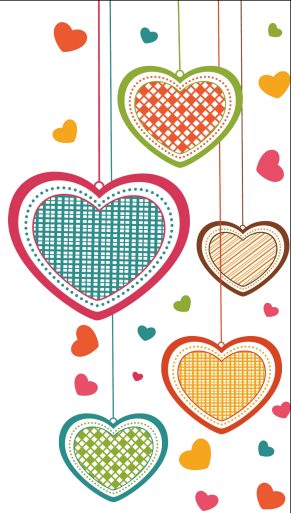
EXERCISE – 6(C)

Multiply in your notebook.

d) $9,076 \times 63$

ANSWER

$$\begin{array}{r} 9,076 \\ \times 63 \\ \hline \textcircled{1} 27228 \longrightarrow 9,076 \times 3 \\ + 544560 \longrightarrow 9,076 \times 60 \\ \hline 5,71,788 \end{array}$$



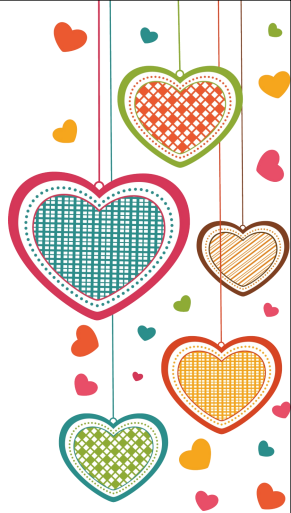
EXERCISE – 6(C)

Multiply in your notebook.

e) $7,805 \times 82$

ANSWER

$$\begin{array}{r} 7,805 \\ \times 82 \\ \hline \textcircled{1} \quad \textcircled{1} \\ 15610 \longrightarrow 7,805 \times 2 \\ + 62440 \longrightarrow 7,805 \times 80 \\ \hline 6,40,010 \end{array}$$



EXERCISE – 6(C)

Multiply in your notebook.

f) $67,368 \times 12$

ANSWER

	6	7,	3	6	8			
				×	1	2		
①	1	3	4	7	3	6	→	$67,368 \times 2$
+	6	7	3	6	8	0	→	$67,368 \times 10$
	8,	0	8,	4	1	6		



HOME ASSIGNMENT:

- **Complete Exercise – 6 C in your note book.**

LEARNING OUTCOME:

Students are able to understand how to multiply larger numbers by a 2-digit number.

THANKING YOU
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