

SESSION : 11
CLASS : IV
SUBJECT : MATHEMATICS
CHAPTER NUMBER : 6
CHAPTER NAME : MULTIPLICATION
SUBTOPIC : MULTIPLYING BIGGER NUMBERS
BY A 3-DIGIT NUMBER, EX-6 D Q.NO.2

CHANGING YOUR TOMORROW

LEARNING OBJECTIVE

- Enable the students to understand how to multiply bigger numbers by a 3-digit number.

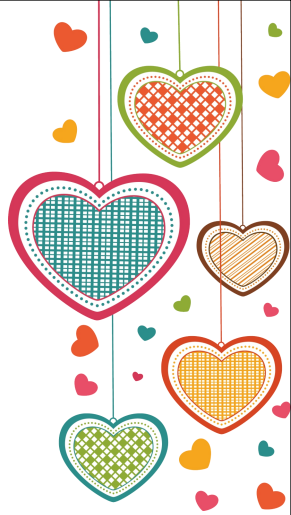
EXERCISE – 6(D)

2. Find the product.

a) 729×341

ANSWER

			7	2	9	
		×	3	4	1	
			<hr style="border: 1px solid red;"/>			
	①	①	7	2	9	→ 729×1
	2	9	1	6	0	→ 729×40
+	2	1	8	7	0	→ 729×300
			<hr style="border: 1px solid red;"/>			
	2,	4	8,	5	8	9
			<hr style="border: 1px solid red;"/>			



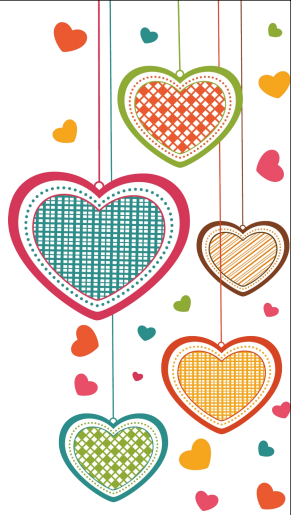
EXERCISE – 6(D)

2. Find the product.

b) 565×525

ANSWER

				5	6	5	
			×	5	2	5	
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			①				
			2	8	2	5	→ 565×5
	1		1	3	0	0	→ 565×20
+	2	8	2	5	0	0	→ 565×500
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	2,	9	6,	6	2	5	
<hr style="border: 1px solid red;"/>							



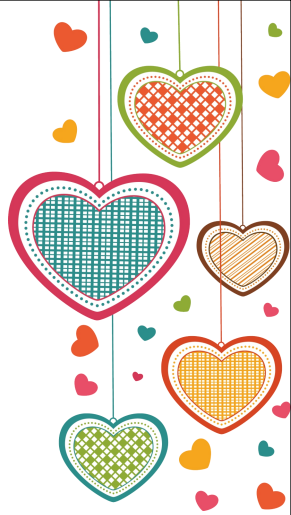
EXERCISE – 6(D)

2. Find the product.

c) 902×436

ANSWER

				9	0	2		
				×	4	3	6	
				<hr/>				
			①					
		①	5	4	1	2	→ 902×6	
		2	7	0	6	0	→ 902×30	
+	3	6	0	8	0	0	→ 902×400	
				<hr/>				
				3,	9	3,	2	
					7		2	
				<hr/>				



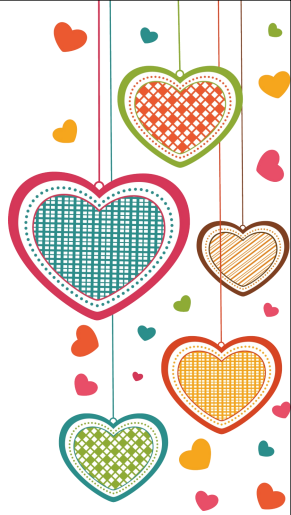
EXERCISE – 6(D)

2. Find the product.

e) 524×421

ANSWER

$$\begin{array}{r} 524 \\ \times 421 \\ \hline 524 \quad \textcircled{1} \longrightarrow 524 \times 1 \\ 1048 \quad \textcircled{1} \longrightarrow 524 \times 20 \\ 20960 \quad \longrightarrow 524 \times 400 \\ \hline \mathbf{2,20,604} \end{array}$$



EXERCISE – 6(D)

2. Find the product.

f) $9,307 \times 678$

ANSWER

			9	3	0	7			
			×	6	7	8			
			①	①	①				
			7	4	4	5	6 → 9307×8		
		②	6	5	1	4	9	0 → 9307×70	
	①		5	5	8	4	2	0	0 → 9307×600
+	5	5	8	4	2	0	0		
	6	3,	1	0,	1	4	6		



EXERCISE – 6(D)

2. Find the product.

g) $2,892 \times 209$

ANSWER

		2	8	9	2	
		×	2	0	9	
<hr/>						
	①	2	6	0	2	8
						→ 2892×9
	①	0	0	0	0	0
						→ 2892×0
+	5	7	8	4	0	0
						→ 2892×200
<hr/>						
		6,	0	4,	4	2
<hr/>						
					8	



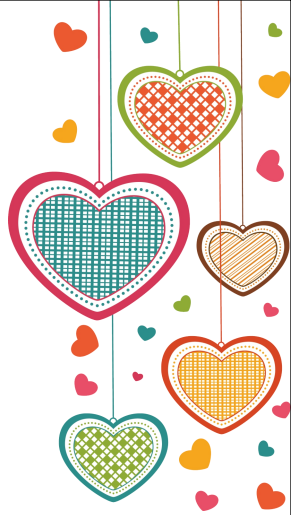
EXERCISE – 6(D)

2. Find the product.

h) $8,098 \times 789$

ANSWER

				8	0	9	8			
				×	7	8	9			
<hr/>										
			①	②	①					
			7	2	8	8	2	→ 8098×9		
	①		6	4	7	8	4	0	→ 8098×80	
+	①		5	6	6	8	6	0	0	→ 8098×700
<hr/>										
			6	3,	8	9,	3	2	2	
<hr/>										



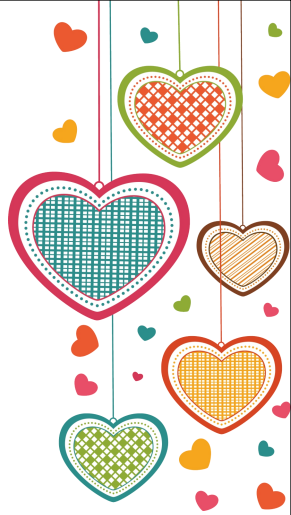
EXERCISE – 6(D)

2. Find the product.

i) $5,793 \times 423$

ANSWER

			5	7	9	3		
			×	4	2	3		
<hr/>								
		②	①	①				
		1	7	3	7	9	→ 5793×3	
	1	1	5	8	6	0	→ 5793×20	
+	2	3	1	7	2	0	→ 5793×400	
<hr/>								
		2	4,	5	0,	4	3	9
<hr/>								



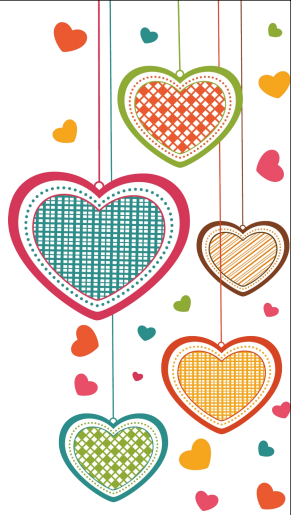
EXERCISE – 6(D)

2. Find the product.

j) $6,974 \times 542$

ANSWER

			6	9	7	4			
			×	5	4	2			
			<hr/>						
			①	①	①				
	①	1	3	9	4	8	→ 6974×2		
	2	7	8	9	6	0	→ 6974×40		
+	3	4	8	7	0	0	→ 6974×500		
			<hr/>						
			3	7,	7	9,	9	0	8
			<hr/>						



HOME ASSIGNMENT:

- **Complete Exercise – 6 D Q.NO. 2 in your note book.**

LEARNING OUTCOME:

Students are able to understand how to multiply bigger numbers by a 3-digit number.

THANKING YOU
ODM EDUCATIONAL GROUP