

Multiply a 3-Digit Number by a 1-Digit Number



1) Using the place value chart, complete the calculation.

Hundreds	Tens	Ones		2	3	3
100 100	10 10 10	1 1 1	x			3
100 100	10 10 10	1 1 1				
100 100	10 10 10	1 1 1				

2) Complete a short multiplication calculation to match each place value chart.

a)

Hundreds	Tens	Ones
100	10 10 10 10 10	1 1
100	10 10 10 10 10	1 1
100	10 10 10 10 10	1 1
100	10 10 10 10 10	1 1
100	10 10 10 10 10	1 1

b)

Hundreds	Tens	Ones
100 100 100	10	1 1 1 1
100 100 100	10	1 1 1 1
100 100 100	10	1 1 1 1
100 100 100	10	1 1 1 1

3) Use short multiplication to complete the calculations.

- a) 261×7
 b) 308×4
 c) 2×729



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Multiply a 3-Digit Number by a 1-Digit Number



- 1) Elias has been practising short multiplication. Identify and explain any mistakes.

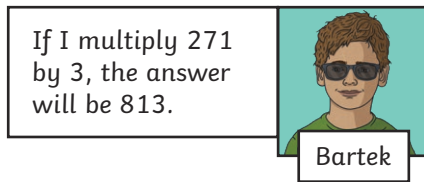


	5	6	1
×			8
4	0	8	8

- 2) Identify whether or not each child's statement is correct. Prove your answers.



3126 is 7 times greater than 521.



If I multiply 271 by 3, the answer will be 813.

- 3) Use short multiplication to complete the calculations. Then, decide which you think is the odd one out and explain why.

A	212×7
B	366×4
C	2×742



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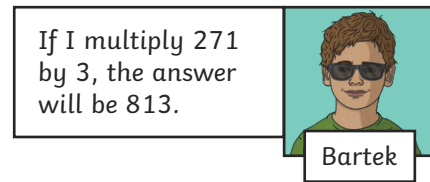


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Multiply a 3-Digit Number by a 1-Digit Number



- 1) Abi is multiplying a 3-digit number by a 1-digit number and her answer is 3816.

What could the calculation be?

Find all possibilities.



	<input type="text"/>	<input type="text"/>	<input type="text"/>
x			<input type="text"/>
3	8	1	6
	<input type="text"/>	3	

- 2) Using each digit card only once, complete the calculation to make it correct.

2	4
7	5

	7	<input type="text"/>	6
x			<input type="text"/>
5	<input type="text"/>	9	2
	3	<input type="text"/>	

- 3) Five children each completed a different multiplication. All of their calculations were multiplying a 3-digit number by a 1-digit number.

Complete each calculation. Then, use the clues to correctly match each child to their calculation.

A	212×7	B	213×3	C	989×7
D	594×8	E	8×938		

Child	Clue	Calculation
Drew	My answer is an even number.	
Elias	My answer is greater than 5000.	
Jia	The digit sum of my answer is 17.	
Priya	My calculation required no regrouping.	
Joseph	My answer has a zero as a placeholder.	



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