Multiply 3- and 4-Digits by 2-Digits

To multiply 3- and 4-digit numbers by 2-digit numbers using long multiplication.

1. Archie has been working through some calculations. Can you help him complete his calculations by placing the missing numbers inside the boxes?

a. 132 × 32 = ☐

			H	T	O
			1	3	2
	×			3	2
		2	6	4	
+	3	9	6	0	
	☐	☐	☐	☐	
	☐	☐			

b. 243 × 21 = ☐

			H	T	O
			2	4	3
	×			2	1
		2	4	3	
+	☐	☐	6	0	
	☐	☐	☐	☐	
	☐	☐			

c. 2021 × 42 = ☐

		Th	H	T	O
		2	0	2	1
	×			4	2
		4	0	4	2
+	☐	☐	☐	☐	☐
	☐	☐	☐	☐	☐

d. 2312 × 33 = ☐

		Th	H	T	O
		2	3	1	2
	×			3	3
	☐	☐	☐	☐	
+	6	9	3	6	0
	☐	☐	☐	☐	☐
	☐	☐			

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2. Solve these calculations using the long multiplication method.

a. 443 × 21 =

			H	T	O
			4	4	3
		×		2	1
+					

b. 3021 × 32 =

		Th	H	T	O
		3	0	2	1
	×			3	2
+					

3. Use the long multiplication method to solve the word problem.

A rugby stadium can hold 3044 spectators. Each person buys a ticket for £22. How much money is made in total through ticket sales?

☐ × ☐ = £ ☐

		Th	H	T	O
	×				

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