

L.O. Use the compact method to multiply 3-digit by 2-digit numbers

1. Complete the multiplications:

a)

			2	3	1	
	x			1	3	
			6	9	3	
		2	3	1	0	

(231 × 3)

(231 × 10)

b)

				5	1	2	
	x				2	4	
			2	0	4	8	
		1	0	2	4	0	

(×)

(×)

2.

Brett is calculating 216×23

		2	1	6
x			2	3
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	6	4	8	0
		4	3	2
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	6	9	1	2
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What mistake has Brett made?

What is the correct answer?

3. Work out these multiplications in your book:

a.) $142 \times 31 =$

b.) $337 \times 46 =$

c.) $214 \times 53 =$

d.) 24×183