

Multiply a 4-digit number by a 2-digit number

1 Complete the multiplication.

			1	2	3	4
	×				2	1
			1	2	3	4
		2	4	6	8	0

$$(1,234 \times \square)$$

$$(1,234 \times \square)$$

2 Tommy is calculating $1,234 \times 26$

a) Complete his workings.

			1	2	3	4
	×				2	6
			7 ₁	4 ₂	0 ₂	4
		2	4	6	8	0

$$(\square \times \square)$$

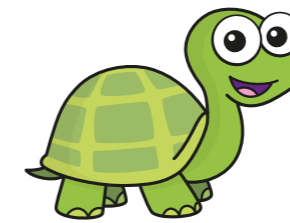
$$(\square \times \square)$$

b) Fill in the grid to check Tommy's workings are accurate. You may use place value counters to help.

×	1,000	200	30	4
20				
6				



3 Tiny is calculating $2,541 \times 42$
Here are Tiny's workings.



	2	5	4	1		
	×		4	2		
		4 ₁	0	8	2	(2,541 × 2)
		8 ₂	0 ₁	6	4	(2,541 × 40)
		1 ₁	2	1 ₁	4	6

a) Tiny has made two mistakes. What are they?

b) What is the correct answer?

4 Work out the multiplications.

a) $4,284 \times 23$

b) $2,142 \times 46$

What do you notice?

