1 Complete the multiplication.

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

$(1{,}234 \times \boxed{})$

$(1{,}234 \times \boxed{})$

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

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		$(2{,}541 \times 2)$
8_2	0_1	6	4		$(2{,}541 \times 40)$
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?

5 A machine makes 2,734 boxes every hour.

The machine works for 3 hours each day.

How many boxes will it make in 12 days?

Compare methods with a partner.

3 Tiny is calculating 2,541 × 42

Here are Tiny's workings.

$$
\begin{array}{r}
\;2\;\;5\;\;4\;\;1 \\
\times4\;\;2 \\
\hline
4_1\;\;0\;\;8\;\;2 \quad (2{,}541 \times 2) \\
8_2\;\;0_1\;\;6\;\;4 \quad (2{,}541 \times 40) \\
\hline
1_1\;\;2\;\;1_1\;\;4\;\;6 \\
\end{array}
$$

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

b) What is the correct answer?

4 Work out the multiplications.

a) 4,284 × 23   **b)** 2,142 × 46

What do you notice?

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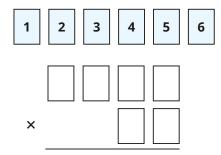
Compare methods with a partner.

6 Work out 378 × 7 × 12

Show your method clearly.

Compare methods with a partner.

7

1	2	3	4	5	6

$$
\begin{array}{r}
\square\;\square\;\square\;\square \\
\times\square\;\square \\
\hline
\end{array}
$$

a) Using all the digit cards, create four different calculations and work out the answer to each.

b) Write your answers in ascending order.

8 Amir scores 4,680 points in a computer game for 12 games in a row.

Whitney scores 2,512 points every game for 24 games.

Who scores more points?

Show your workings.