1 Complete the multiplication.

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

(1,234 × ☐)

(1,234 × ☐)

2 Tommy is calculating 1,234 × 26

a) Complete his working out.

		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 working is accurate.
You may use place value counters to help.

×	1,000	200	30	4
20				
6				

3 Rosie is calculating 2,541 × 42

Here is Rosie's working.

	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) Rosie 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?

5 A machine makes 2,734 boxes every hour.

The machine works for 3 hours each day.

a) How many boxes will it make in 12 days?

b) Compare methods with a partner. Were there any other ways you could have worked out the answer?

6 Work out 378 × 7 × 12

Show your method clearly.

3 Rosie is calculating 2,541 × 42

Here is Rosie's working.

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

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

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4 Work out the multiplications.

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Show your method clearly.

7

1	2	3	4	5	6

$$\square\ \square\ \square\ \square$$
$$\times \qquad \square\ \square$$

a) Using all the digit cards, create 4 different calculations and work out the answer to each.

b) Write your answers in ascending order.

c) What is the smallest product that can be made?

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?

How many more?