

12.1.21 Deepening challenges

$$22 \times 111 = 2442$$

$$23 \times 111 = 2553$$

$$24 \times 111 = 2664$$

What do you think the answer to 25×111 will be?

What do you notice?

Does this always work?

Pencils come in boxes of 64
 A school bought 270 boxes.
 Rulers come in packs of 46
 A school bought 720 packs.
 How many more rulers were ordered than pencils?



Here are examples of Dexter's maths work.

			9	8	7																
x					7	6															
			5	9	4	2	2														
			6	9	4	0	9														
	1	2	8	3	1																

					3	2	4														
x						7	8														
						5	9	2													
					2	1	3														
					2	1	2	6	8	0											
						3	2	7	2												

He has made a mistake in each question.

Can you spot it and explain why it's wrong?

Correct each calculation.