

$$22 \times 111 = 2442$$

$$23 \times 111 = 2553$$

$$24 \times 111 = 2664$$

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 | ⁵ 9 | ⁴ 2 | 2 |
| | | 6 | ⁶ 9 | ⁴ 0 | 9 |
| | 1 | ₁ 2 | 8 | ₁ 3 | 1 |

| | | | | | | |
|---|--|--------------|----------------|----------------|---|---|
| | | | 3 | 2 | 4 | |
| x | | | | 7 | 8 | |
| | | | 5 | 9 | 2 | |
| | | ₂ | ¹ 5 | ³ 9 | 2 | |
| | | 2 | ₁ 2 | 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.

