Use the method we learnt yesterday to answer these questions

12 x 12 = 32 x 15 = 19 x 27 =



Remember to include the remainders in your final answer.

Ì

Put the answers in ascending order.

RECALL

Work out the multiplications.

a) 142 × 31	b) 337 × 46	c) 214 × 53	d) 24 × 183
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But all the answers in descending order.

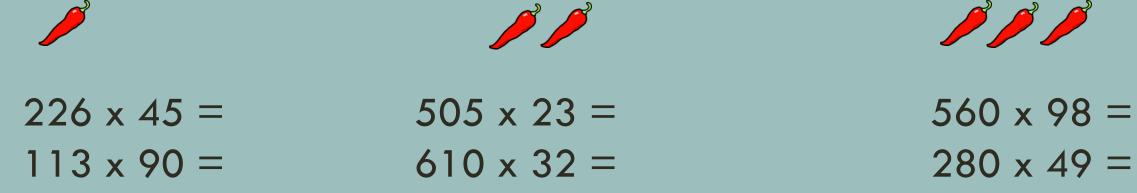
GUIDED PRACTICE LO: multiplying 3 digit by 2 digit numbers

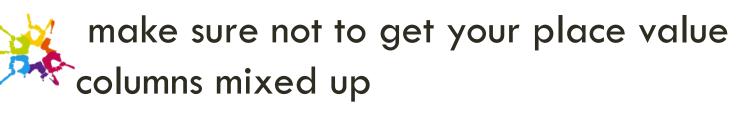
Some will even answer questions out of context (estimating). Some will spot patterns. Most will answer word problems.

All will answer number problems.

LEARNING HABIT RESILIENCE.

Use the method you saw in guided practice to answer these following questions







INTELLIGENT PRACTICE.

Dive deeper 1

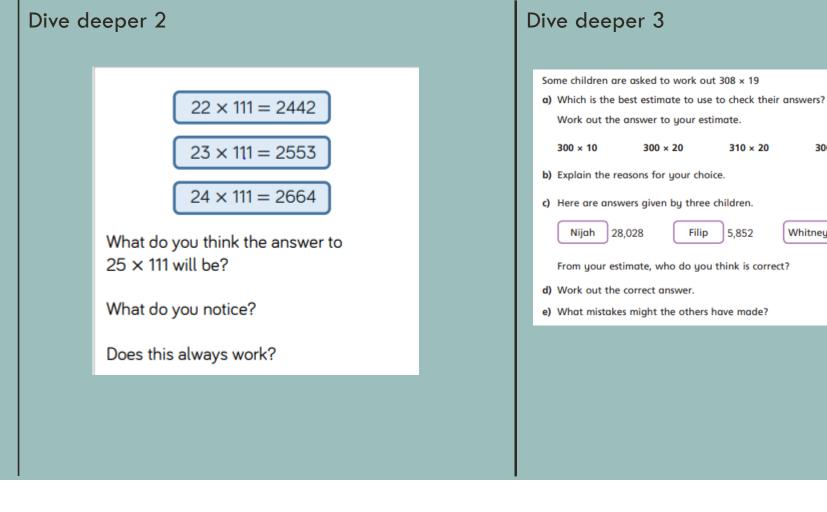
Pencils come in boxes of 64 A school bought 270 boxes. Rulers come in packs of 46. A school bought 720 packs. How many more rulers were ordered than pencils?

A football pitch is 128 m long and 52 m wide.

a) What is the area of the pitch?

b) A field is 25,000 m².

How many football pitches could fit in it?





Look at the key information in each of the question



Which is the most difficult question? Explain why.

DIVE DEEPER

300 × 19

Whitney 2,080

Dive deeper 1

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?

They have 17,280 pencils. They have 33,120 rulers. They have 15,840 more rulers.

A football pitch is 128 m long and 52 m wide.

- a) What is the area of the pitch?
- b) A field is 25,000 m².

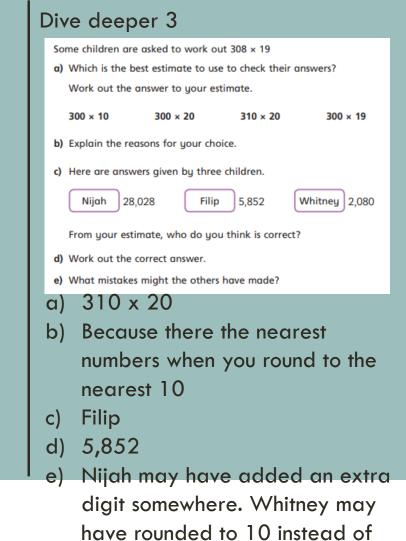
How many football pitches could fit in it?

a) 6,656 cm²
b) 3 pitches



Look at the key information in each of the question

```
Dive deeper 2
                      22 \times 111 = 2442
                      23 \times 111 = 2553
                      24 \times 111 = 2664
          What do you think the answer to
          25 x 111 will be?
                                        The pattern stops
                                        at up to 28 \times 111
          What do you notice?
                                        because
                                        exchanges need to
          Does this always work?
                                        take place in the
                                        addition step.
```



²⁰**DIVE DEEPER**



Which is the most difficult question? Explain why.