Multiply up to a 4-digit number by a 2-digit number

1

$$3{,}257 \times 4 = 13{,}024$$

> I know this is wrong by looking at the ones digit.
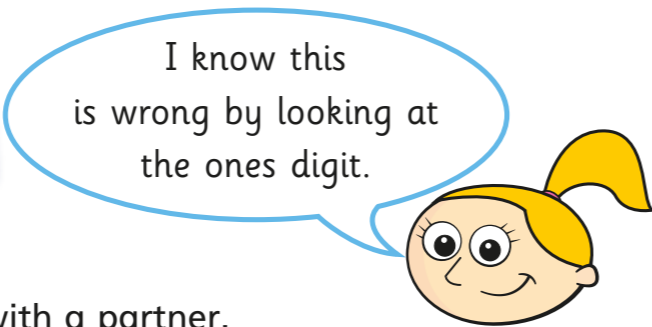
Is Eva correct? Talk about it with a partner.

2 Complete the multiplications.

a)

		1	2	3	5
×				5	3

b)

		4	0	3	6
×				2	4

c)

		6	9	7	8
×				7	6

3 Write the correct multiplications to complete the calculations.

1,247 × 37	2,031 × 29	2,413 × 23

	×				
		7	2	3	9
4	8	2	6	0	

	×				
		8	7	2	9
3	7	4	1	0	

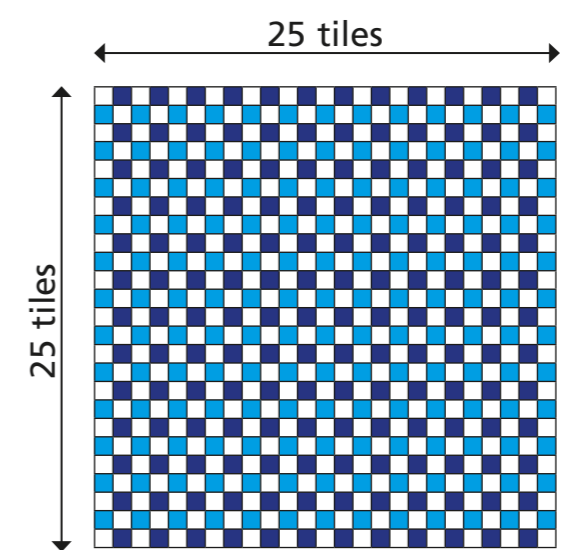|	×				
	1	8	2	7	9
4	0	6	2	0	

4 A car park has 230 rows of 17 spaces.

There are 1,250 cars already parked.

How many empty spaces are there?
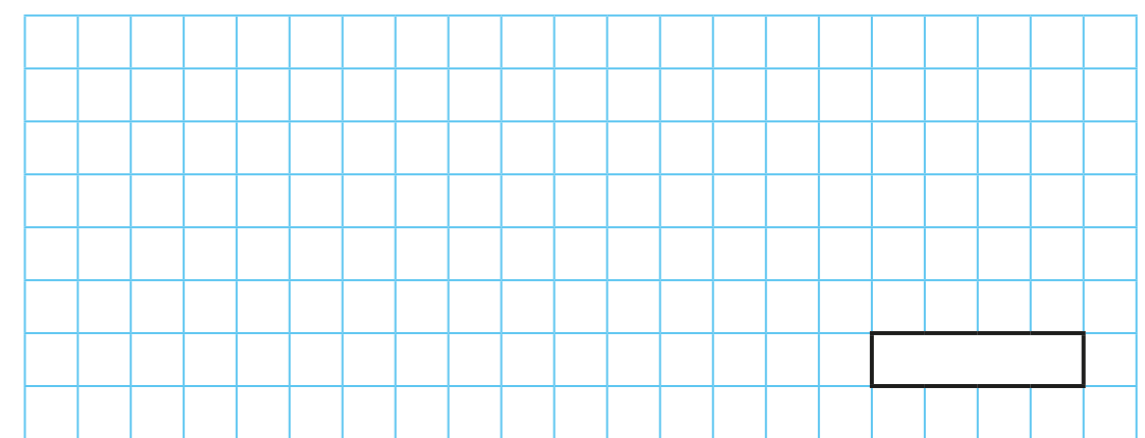
5 Mr Smith has tiled his kitchen floor.

25 tiles

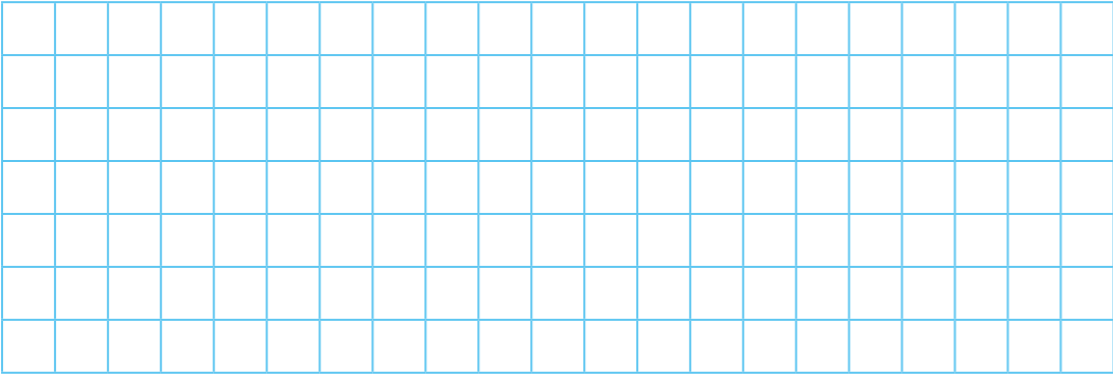25 tiles

Each tile costs 18p.

How much does the floor cost in total?

6

| 1 | 2 | 3 | 6 | 5 |

What is the greatest product you can make that is also an odd number?
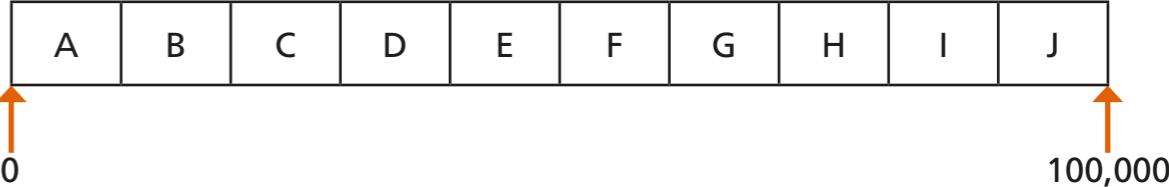
[ ]

7 Rosie does 37 sit-ups every day for a year.

Annie does 370 sit-ups every day in July.

Who does more sit-ups and by how many?

_____ does more sit-ups.

She does [ ] more sit-ups.

8 This is an activity for two players. You will need two different coloured pens or pencils – one for each player.

| A | B | C | D | E | F | G | H | I | J |

0   100,000

Use any 5 different digits to complete the multiplication.

[ ][ ][ ] × [ ][ ] = [ ]

Which letter interval does your answer lie in?

Shade the section on the track above.

Take it in turns with a partner to repeat the steps above.

The winner is the first person to shade 3 sections in a row.

[ ][ ][ ] × [ ][ ] = [ ]

[ ][ ][ ] × [ ][ ] = [ ]

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