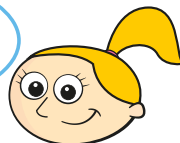


# Multiply up to a 4-digit number by a 2-digit number

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		
	x			5	3		

b)

		4	0	3	6		
	x			2	4		

c)

		6	9	7	8		
	x			7	6		

3

Write the correct multiplications to complete the calculations.

$$1,247 \times 37$$

$$2,031 \times 29$$

$$2,413 \times 23$$

	x						
		7	2	3	9		
		4	8	2	6	0	

	x						
		8	7	2	9		
		3	7	4	1	0	

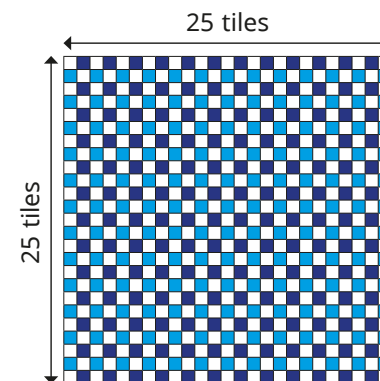
	x						
		1	8	2	7	9	
		4	0	6	2	0	

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.



Each tile costs 18p.

How much does it cost to tile the floor?

6

Here are some digit cards.

1	2	3	6	5
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a) Use all the digit cards to make a 3-digit number and a 2-digit number.

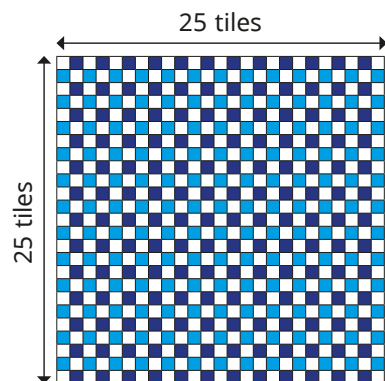
Find the product of your numbers.

b) What is the greatest odd product that can be made?



- 4 A car park has 230 rows of 17 spaces.  
There are 1,250 cars already parked.  
How many empty spaces are there?

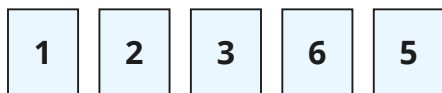
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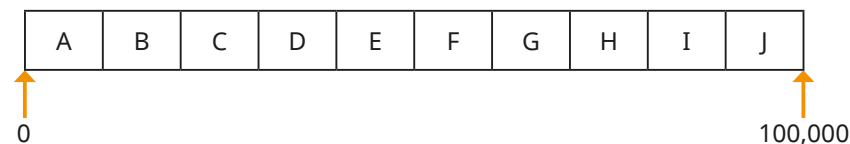


- a) Use all the digit cards to make a 3-digit number and a 2-digit number.  
Find the product of your numbers.

- b) What is the greatest odd product that can be made?

- 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?

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



Use any five different digits to complete the multiplication.

$$\square \square \square \times \square \square = \square$$

Which letter interval does your answer lie in?

Colour 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 colour three sections in a row.

