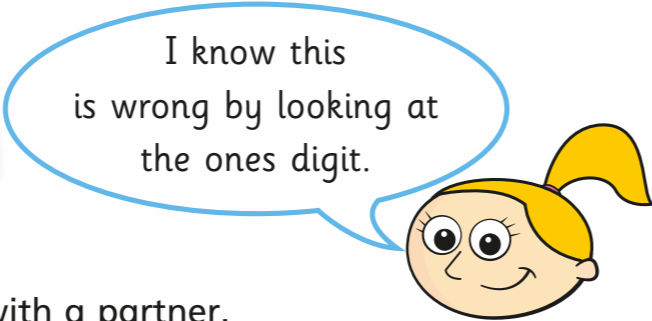


Multiply up to a 4-digit number by a 2-digit number

1 $3,257 \times 4 = 13,024$



Is Eva correct? Talk about it with a partner.

2 Complete the multiplications.

a)	$\begin{array}{r} 1235 \\ \times \quad 53 \\ \hline 3705 \\ + 61750 \\ \hline 65455 \end{array}$	b)	$\begin{array}{r} 4036 \\ \times \quad 24 \\ \hline 16144 \\ + 80720 \\ \hline 96864 \end{array}$	c)	$\begin{array}{r} 6978 \\ \times \quad 76 \\ \hline 41868 \\ + 488460 \\ \hline 530328 \end{array}$
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3 Write the correct multiplications to complete the calculations.

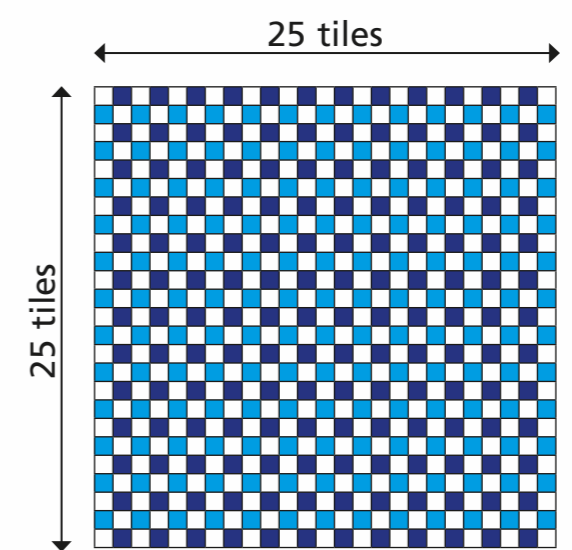
$1,247 \times 37$	$2,031 \times 29$	$2,413 \times 23$
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$\begin{array}{r} 2413 \\ \times \quad 23 \\ \hline 7239 \\ + 48260 \\ \hline 55499 \end{array}$	$\begin{array}{r} 1247 \\ \times \quad 37 \\ \hline 8729 \\ + 37410 \\ \hline 46139 \end{array}$	$\begin{array}{r} 2031 \\ \times \quad 29 \\ \hline 18279 \\ + 40620 \\ \hline 58899 \end{array}$
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4 A car park has 230 rows of 17 spaces. There are 1,250 cars already parked. How many empty spaces are there?

$\begin{array}{r} 230 \\ \times 17 \\ \hline 1610 \\ + 2300 \\ \hline 3910 \end{array}$	$\begin{array}{r} 3910 \\ - 1250 \\ \hline 2660 \end{array}$	$2,660$
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5 Mr Smith has tiled his kitchen floor.



Each tile costs 18p. How much does the floor cost in total?

$25 \times 25 = 625$

$$\begin{array}{r} 625 \\ \times 18 \\ \hline 5000 \\ + 6250 \\ \hline 11250 \end{array}$$

$11250p$

$£12.50$

6

1	2	3	6	5
---	---	---	---	---

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

$$\begin{array}{r}
 621 \\
 \times 53 \\
 \hline
 1863 \\
 31050 \\
 \hline
 32913
 \end{array}$$

32,913

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?

3	6	5	×	3	7	=	1	3	5	0	5								
3	7	0	×	3	1	=	1	1	4	7	0								
1	3	5	0	5	-	1	1	4	7	0	=	2	0	3	5				

Rosie does more sit-ups.

She does 2035 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
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Various answers.

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.

			×			=	
			×			=	
			×			=	
			×			=	
			×			=	
			×			=	
			×			=	
			×			=	

