Multiply up to a 4-digit number by a 2-digit number
(1)

(2)

Complete the multiplications.

(3)

Write the correct multiplications to complete the calculations.


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

|  |  |  |  |  |  |  | 8 |  |  |  |  |  |  |  |  |  |  |  |  |
| :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- |
|  | 2 | 3 | 0 |  |  | 3 | 9 | 1 | 0 |  |  |  |  |  |  |  |  |  |  |
| $x$ | 2 | 1 | 7 |  |  | $-\frac{1}{1} 2$ | 2 | 5 | 0 |  |  |  |  |  |  |  |  |  |  |
| 1 | 6 | 1 | 0 |  |  | 6 | 6 | 0 |  |  |  |  |  |  |  |  |  |  |  |
| 2 | 3 | 0 | 0 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 3 | 9 | 1 | 0 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | 2660 |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |Mr Smith has tiled his kitchen floor.



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

$$
\begin{aligned}
& 25 \times 25=625 \\
& 625 \\
& \times \frac{18}{5000} \\
& +\quad 11250 p \\
& \hline 11250
\end{aligned}
$$

## E112. 50



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

## 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?

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  | 6 | 7 | 0 | $\times$ | 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 $\qquad$ 2,035 more sit-ups

Use any 5 different digits to complete the multiplication.

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

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.


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

