

Multiply and divide by 10 and 100.

Let's write the number
4 in the grid.

100s	10s	1s
4	0	0

What is 4×10 ?

What has happened to
the digits?

What is 4×100 ?

What has happened to
the digits?

The digits move
2 place value columns to the
left when we multiply by 100.

Multiply and divide by 10 and 100.

What is 7×10 and
 7×100 ?

Let's check....

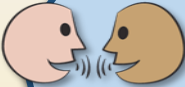
100s	10s	1s
7	0	0

Digits move 1 or 2
places to the left...

... and we put in 0s as
placeholders.

Multiply and divide by 10 and 100.

What is $700 \div 100$?

 When we multiplied by 100 the digits moved 2 places to the left, what do you think will happen when we divide by 100?

The **7** moved
2 places to the right...

Let's see...

100s	10s	1s
7	0	0

.... and we don't need the final two **0s**.