

Here are three incorrect multiplications.

	T	O
	6	1
×		5
<hr/>		
	3	5

	T	O
	7	4
×		7
<hr/>		
4	9	8

	T	O
	2	6
×		4
<hr/>		
8	2	4

Correct the multiplications.

	T	O
	6	1
×		5
<hr/>		
3	0	5
3		

	T	O
	7	4
×		7
<hr/>		
5	1	8
2		

	T	O
	2	6
×		4
<hr/>		
1	0	4
2		

## Always, sometimes, never

- When multiplying a two-digit number by a one-digit number, the product has 3 digits.
- When multiplying a two-digit number by 8 the product is odd.
- When multiplying a two-digit number by 7 you need to exchange.

Prove it.