

Some reminders for written multiplication

When you are multiplying numbers you need to decide whether to use a mental method (doing calculations in your head) or a written method (writing the numbers down).

A reminder about place value

Have a look at the number **623**.

6	0	0	← 6 hundreds
	2	0	← 2 tens
		3	← 3 units
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6	2	3	

- 6 is the hundreds digit
- 2 is the tens digit
- 3 is the units digit

Multiplication vs. division

With whole numbers when you multiply the number gets bigger. When you divide the number gets smaller.

There is always a link between multiplication and division calculations. Have a look at these three numbers in multiplication and division calculations:

5	20	100
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5	x	20	=	100	100	÷	20	=	5
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20	x	5	=	100	100	÷	5	=	20
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Multiplication and division are opposites or 'inverses'. If you multiply by an amount and then divide the result by the same amount you end up back where you started.