

Year 3: Multiplying by 10
Maths worksheets from mathsblog.co.uk

Multiplying whole numbers by ten is easy – but you need to understand what is going on.



1	2	3	4	5	6	7	8	9
10	20	30	40	50	60	70	80	90
100	200	300	400	500	600	700	800	900



When you multiply by 10 the digits stay the same, but they move one place to the left!

A zero is placed in the column that the digit has moved from.



Some old dinosaurs say that you can times by ten by adding a nought.

But if I add nought to something it doesn't get any bigger, so don't ever say this – it will lead to big problems with your maths later on.

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Fill in the missing numbers in this grid.

Each line is ten times more than the line above it.



1	2			5			8	
10		30				70		90
			400		600			

You will be able to do these in no time!

1. $18 \times 10 =$

2. $15 \times 10 =$

3. $21 \times 10 =$

4. $10 \times 77 =$

5. $10 \times 32 =$

6. $10 \times 90 =$

7. $50 \times 10 =$

8. $10 \times 42 =$

9. $47 \times 10 =$

10. $10 \times 83 =$

Answers

1	2	3	4	5	6	7	8	9
10	20	30	40	50	60	70	80	90
100	200	300	400	500	600	700	800	900

1. 180 2. 150 3. 210 4. 770 5. 320
6. 900 7. 500 8. 420 9. 470 10. 830

Much more like this on the It's All Figured Out! CD, available at
www.mathsphere.co.uk