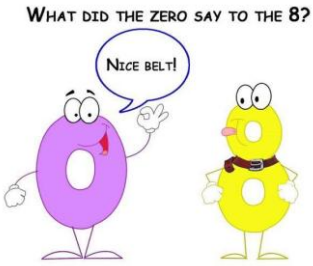

Mrs W's Maths 8 ANSWERS
Multiplying by 10, 100 and 1000

1 When we multiply by 10, the digits move 1 place to the left.
76 X 10 = 760

1000s	100s	10s	1s
		7	6
	7	6	0

2 When we multiply by 100, the digits move 2 places to the left
35 X 100 = 3500

1000s	100s	10s	1s
		3	5
3	5	0	0

3 When we multiply by 1000, the digits move 3 places to the left
28 X 1000 = 28000

4 Multiplying makes numbers bigger

1000s	100s	10s	1s

Write the number sentence 45 X 10 = 450

5 This number was multiplied by 100, what was the start number? 13

1000s	100s	10s	1s
		1	3

6 Use the same start number

Start number	X 10	X 100	X 1000
7	70	700	7000
24	240	2400	24000
369	3690	36900	369000
50	500	5000	50000
603	6030	60300	603000