

This helps with understanding how the figures move and the decimal point stays still when multiplying by powers of 10. Also useful for seeing how each 5 is related to one in another row. Useful also to show how Billions (1000 Million in UK since Harold Wilson's time) are related to Thousands etc. Flipchart available:

<https://spiremaths.co.uk/wp-content/uploads/MultiplyingByPowersOf10.flipchart>

Multiplying by Powers of 10

10^9	10^8	10^7	10^6	10^5	10^4	10^3	10^2	10^1	10^0	10^{-1}	10^{-2}	10^{-3}	10^{-4}	10^{-5}	10^{-6}
B	Hm	Tm	M	HTh	TTh	Th	H	T	1s	t	h	th	tth	hth	m
							5	7	6						
				5	7	6	0	0							
									5	7	6				
									0	5	7	6			
							5	7	6						

0 1 2 3 4 5 6 7 8 9 + - x ÷ = < > ≤ ≥

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B	Hm	Tm	M	HTh	TTh	Th	H	T	1s	t	h	th	tth	hth	m

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