Number Bonds to 100 (Know fluently) ($Yr 2 = number bonds to 20 and Yr 4 = number bonds to 100$) E.g. 50 + 0 = 50 49 + 1 = 50 100 + 0 = 100 49 + 51 = 100 100 - 99 = 1 $50 - 49 = 1$	Number Bonds to 100 (multiples of 5) ($yr 2 = multiples of 10 to 100$) E.g. 100 + 0 = 100 AND 100 - 0 = 100 95 + 5 = 100 100 - 5 = 95 90 + 10 = 100 100 - 10 = 90 5 + 95 = 100 100 - 95 = 5 0 + 100 = 100 100 - 100 = 0	Doubles and Halves to 100 E.g. Double 1 = 2 AND Half of 2 = 1 Double 2 = 4 Half of 4 = 2 Double 25 = 50 Half of 50 = 25 Double 42 = 84 Half of 84 = 42	3, 4 and 8 times tables ($Yr 2 = 2, 5 \text{ and } 10 \text{ times tables, and } Yr 4 = 7, 8$ and 9 times tables) E.g. $0 \times 3 = 0 \text{ AND } 0 \div 3 = 0$ $1 \times 3 = 3 3 \div 3 = 1$ $2 \times 3 = 6 6 \div 3 = 2$ $11 \times 3 = 33 33 \div 3 = 11$ $12 \times 3 = 36 36 \div 3 = 12$	Multiplying by 10 The digits shift one place to the left and 0 fills the empty column E.g. 24 x 10 = 240 When 24 in multiplied by 10, the 2 tens become 2 hundreds, the 4 units become 4 tens and there are 0 units Dividing by 10
Say and read numbers to 1000		<u>Mental Maths</u>		Dividing by 10
342579240261	1000 974	<u>Milestones</u>		the right
Count on and back in 10's from any 2 or 3		Year 3		L.g.
diait number		Commutative Law		
E.g. 64, 74, 84, 94, 104, 114 114, 104, 94, 84, 74, 64 276, 286, 296, 306, 316 316, 306, 296, 286, 276 Count on and back in 100's from any 2 or 3 digit number		Partition 2, 3 and 4 digit numbers E.g. 23 = 2 tens and 3 units = 20 + 3 346 = 3 hundreds, 4 tens and 6	Remember 10 x 2 = 2 x 10 (multiplication) 10 + 2 = 2 + 10 (addition) (You can swap the numbers over and still get the same answer.) BUT 10 \div 2 \neq 2 \div 10 10 - 2 \neq 2 \div 10 (If you swap the numbers round, you DO NOT get the same answer) Inverses Multiplication is the inverse of Division 5 x 2 = 10 so swapping the numbers gives you 10 \div 2 = 5 and 10 \div 5 = 2 Addition is the inverse of Subtraction 6 + 4 = 10 so swapping the numbers gives you 10 - 4 = 6 and 10 - 6 = 4	
E.g. 32, 132, 232, 332, 432 432, 332, 232, 132, 32 476, 576, 676, 776 776, 676, 576, 476		units = 300 + 40 + 6		
Count in multiples of 4, 8 and 50 4, 8, 12, 16, 20 50, 100, 150, 200, 250		2457 = 2 thousand, 4 hundreds, 5 tens, 7 units = 2000 + 400 + 50 + 7		