Year 4: Maths Knowledge Mat

Counting from 0 Rounding		Negative		Multiplication Tables (and 2x.3x.4x.5x.8x.10x from previous years)							
Counting in multiples of 6 0, 6, 12, 18, 24, 30, 36, 42 Counting in multiples of 7 0, 7, 14, 21, 38, 35, 42, 49 Counting in multiples of 9 0, 9, 18, 27, 36, 45, 54, 63		30 30 The numbers below half way all ROUND DOWN to 30 The number in the middle is half way and ROUNDS UP to 40 33 34 36 37 38 39 40 The numbers above half way all ROUND UP to 40 The number in the middle is half way and ROUNDS UP to 40		NUMDers		x	6	7	9	11	12
				- 10 - 9 - 8 - 7 - 6 Numbers abov (zero) are posit	↑ I	1	6	7	9	11	12
					Numbers above 0 (zero) are positive	2	12	14	18	22	24
Counting in multiples of 25 0, 25, 50, 75, 100, 125, 150		Rounding to 100 and 1000 follows the same rule.			- 3 - 2 - 1	3	18	21	27	33	36
Counting in multiples of 1000 0, 1000, 2000, 3000, 4000		350 rounds up to 400 3500 rounds up to 4000 Rounding decimal places also follows the same rule. 3.4 rounds to 3.0 but 3.5 rounds to 4.0		- 0 1 2 3 4 5 Numbers below 0 (zero) are negative	4	24	28	36	44	48	
Counting up and down in hundredths 1 2 3 4 99 1					Numbers below 0 (zero) are negative	5	30	35	45	55	60
100, 100, 100, 100, 100, 100, 100, 100,		3.04 rounds to 3.00 but 3.05 rounds to 3.10			7 8 9 10	6	36	42	54	66	72
						7	42	49	63	77	84
		Roman Numerals			Factors	8	48	56	72	88	96
Formal methods of short multiplication and division		1 = I 2 = II 3 = II	10 = X 20 = XX 30 = XXY	A factor pa pair of num that, when multiplied v result in a g	r of numbers t, when	9	54	63	81	99	108
351 x 7 becomes 91 ÷ 7	1 x 7 becomes 91 ÷ 7 becomes 3 5 1 1 3		40 = XL $50 = L$		tiplied will JIt in a given duct.	10	60	70	90	110	120
x 7	2	6 = VI 7 = VII	60 = LX 70 = LXX	Factor p	tor pairs of	11	66	77	99	121	132
2 4 5 7 7	7 7 9 1		80 = LXXX 90 = XC	1 , 16 2 , 8	12	72	84	108	132	144	
			100 – C	4,4	ł						-



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