

 $10 \times 11 = 110$ 

 $11 \times 11 = 121$ 

12 x 11 = 132

And ÷ facts



## MULTIPLICATION AND DIVISION

In addition to the 2, 3, 4, 5 and 10 times tables, know **ALL** your times tables inside out and recognise their factors and multiples! And by the end of Year 4 – have fast and fluent recall of all the tables!

6 Times Table $0 \times 6 = 0$ $1 \times 6 = 6$ $2 \times 6 = 12$ $3 \times 6 = 18$ $4 \times 6 = 24$ $5 \times 6 = 30$ $6 \times 6 = 36$ $7 \times 6 = 42$ $8 \times 6 = 48$ $9 \times 6 = 54$ $10 \times 6 = 60$ $11 \times 6 = 66$ $12 \times 6 = 72$		7 Tin	nes Table	9 Times Table 0 × 9 = 0	
		0	x 7 = 0		
		1 :	x7=7	1 × 9 = 9	
		2 >	< 7 = 14	2 × 9 = 18	
		3 >	< 7 = 21	3 × 9 = 27 4 × 9 = 36 5 × 9 = 45 6 × 9 = 54	
		4 ×	(7 = 28		
		5 ×	( 7 = 35		
		6 ×	< 7 = 42		
		7 ×	c 7 = 49	7 x 9 = 63 8 x 9 = 72	
		8 ×	( 7 = 56		
		9 ×	( 7 = 63	9 x 9 = 81 10 x 9 = 90 11 x 9 = 99 12 x 9 = 108	
		10 :	x 7 = 70		
		11 >	k 7 = 77		
		12 :	× 7 = 84		
	And ÷ facts	And	÷ facts	And ÷ facts	
	11 Time	• <b>T</b> -1-1-	12 Time 4	<b>T</b> -61-	
	11 lime	siadie	12 Times	Iddle	
0 × 11 1 × 11 = 2 × 11 = 3 × 11 =		1 = 0	0 x 12	= 0	
		= 11	1 x 12 :	= 12	
		= 22	2 x 12 :	= 24	
		= 33	3 x 12 :	= 36	
	4 × 11	= 44	4 x 12 :	= 48	
	5 x 11	= 55	5 x 12 :	= 60	
6 × 11 = 7 × 11 = 8 × 11 = 9 × 11 =		= 66	6 x 12 :	= /2	
		= //	/ x 12 :	- 84	
		= 88	8 x 12 = 96		
		= 99	9 x 12 =	108	

 $10 \times 12 = 120$ 

 $11 \times 12 = 132$ 

12 x 12 = 144

And ÷ facts

## PLACE VALUE AND COUNTING

Count in multiples of 6, 7, 9, 25 and 1000 Find 1000 more or less than any number Count backwards through zero to include negative numbers Recognise the place value of each digit in a four digit number Partition a four digit number into 1000s, 100s, 10s and 1s (e.g. 2345 = 2000 + 300 + 40 + 5) Order and compare numbers beyond 1000 Round any number to the nearest 10, 100 or 1000 Round decimals with one decimal place to the nearest whole number Understand place value with hundredths and tenths Compare and order numbers with 2 decimal places

## CALCULATION (+ - x ÷)

Understand multiplying and dividing numbers by 10 and 100 Multiply 3 numbers together mentally USE AND APPLY YOUR TIMES TABLES! (with 3 digit numbers) For example: If you know that 2 x 3 = 6 You also know....200 x 3 = 600 or 600 ÷ 2 = 300

## FRACTION ACTION!

Understand and use hundredths and tenths Count up and down in hundredths 1/100, 2/100, 3/100 Recognise decimal equivalents to simple fractions 1/10 = 0.1 1/100 = 0.01 $\frac{1}{2} = 0.5$   $\frac{1}{4} = 0.25$   $\frac{3}{4} = 0.75$ 

Use knowledge of factors and multiples to recognise and simplify equivalent fractions (e.g. 6/9 = 2/3)

Ask someone to test you on your times tables - put the timer on. How fast can you say the answers? Can you do it in less than 20 seconds?