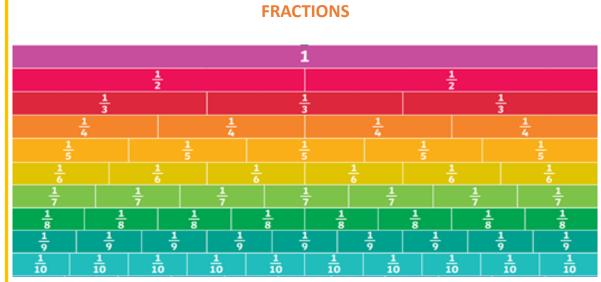# Year 3 'Must Know' Maths Facts!

MULTIPLICATION AND DIVISION

The 2, 5, 10, 3, 4 and 8 times tables!

Related division facts—the inverse

E.g. $3 \times 4 = 12$ so $12 \div 4 = 3$

Understand that multiplication is commutative

E.g. $4 \times 8 = 8 \times 4$

Use the grid method to multiply

E.g. 14×3

X	10	4
3	30	12

So $14 \times 3 = 30 + 12 = 42$

NUMBER PAIRS TO 20

0 + 20 = 20	10 + 10 = 20
1 + 19 = 20	11 + 9 = 20
2 + 18 = 20	12 + 8 = 20
3 + 17 = 20	13 + 7 = 20
4 + 16 = 20	14 + 6 = 20
5 + 15 = 20	15 + 5 = 20
6 + 14 = 20	16 + 4 = 20
7 + 13 = 20	17 + 3 = 20
8 + 12 = 20	18 + 2 = 20
9 + 11 = 20	19 + 1 = 20

PLACE VALUE

H	T	O
2	7	5

1, 10s, 100s

Add and subtract 1s, 10s/100s without difficulty.

E.g. $273 + 1 = 274$, $273 + 10 = 284$,

$273 + 100 = 373$

Greater than   Less than

FRACTIONS