



Maths – Autumn 1 - Knowledge Organiser

Year 4 – Times Tables Practise

Place Value

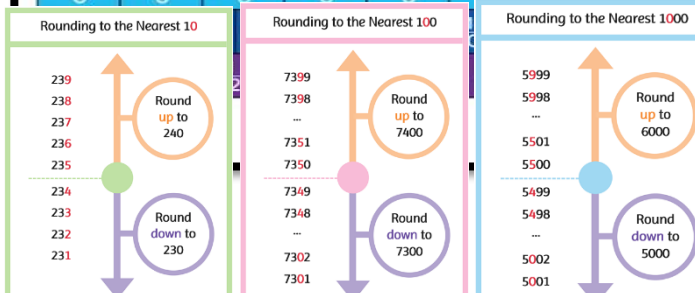
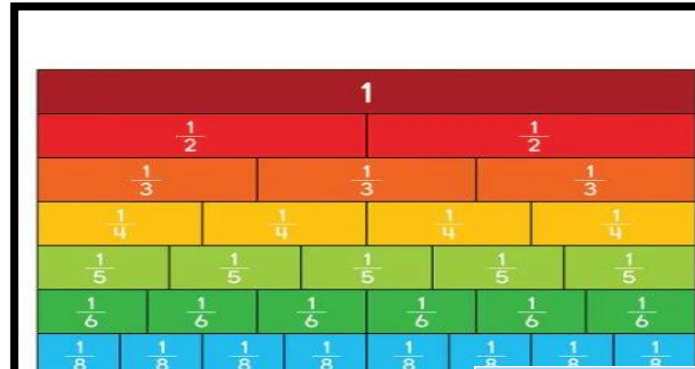
X	1	2	3	4	5	6	7	8	9	10	11	12
1	1	2	3	4	5	6	7	8	9	10	11	12
2	2	4	6	8	10	12	14	16	18	20	22	24
3	3	6	9	12	15	18	21	24	27	30	33	36
4	4	8	12	16	20	24	28	32	36	40	44	48
5	5	10	15	20	25	30	35	40	45	50	55	60
6	6	12	18	24	30	36	42	48	54	60	66	72
7	7	14	21	28	35	42	49	56	63	70	77	84
8	8	16	24	32	40	48	56	64	72	80	88	96

Which times tables do you need to learn?

Remember to use TT Rocks Stars to practise your times tables!

11	11	22	33	44	55	66	77	88	99	110	121	132
12	12	24	36	48	60	72	84	96	108	120	132	144

Fractions



Place Value – Rounding to the nearest 10, 100 and 1000.

Thousands	Hundreds	Tens	Ones
Th	H	T	O

Multiplication and Division

D10: Short Division

$$136 \div 4 = 34$$

$$\begin{array}{r} 34 \\ 4 \overline{)136} \\ \underline{12} \\ 16 \\ \underline{16} \\ 0 \end{array}$$

M6: Column Multiplication

$$147 \times 4 = 588$$

$$\begin{array}{r} 147 \\ \times 4 \\ \hline 588 \end{array}$$

Addition and Subtraction

S11: Column Subtraction

$$723 - 356 = 367$$

$$\begin{array}{r} 723 \\ - 356 \\ \hline 367 \end{array}$$

A7: Column Addition

$$687 + 248 = 935$$

$$\begin{array}{r} 687 \\ + 248 \\ \hline 935 \end{array}$$