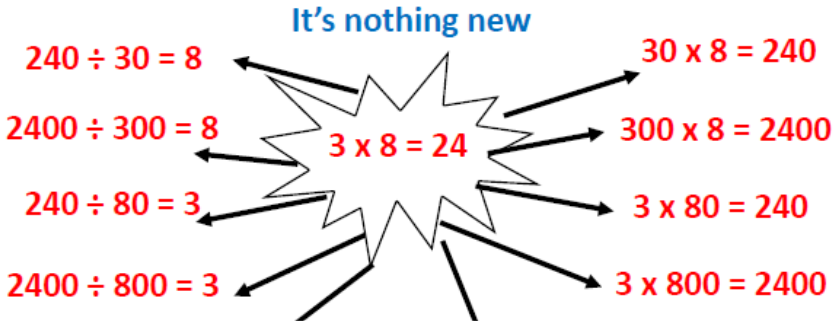
Ideas to support at home:

Magic Ten

You could use **'Magic Ten'** every day to develop and secure number facts and knowledge. You could focus on number bonds or multiplication and division facts and explore how these can be used to find other facts like below.



Board Games

Playing board games can be a great way to improve mental maths skills and elements of maths such as strategic and logical thinking. Some great games to play are below:

1. Monopoly
2. Battleships
3. Mastermind
4. Sudoku
5. Scrabble
6. Rummikub
7. Rush Hour
8. Tangrams

Year 4
Maths Parent Booklet

N W E

SCOTT Primary School

Supporting your child at home

Basic Skills by end of Year 4

Addition

Formal written methods with four digit numbers

	Th	H	T	O
		7	9	9
+		5	7	4
	1	3	7	3
		1	1	1

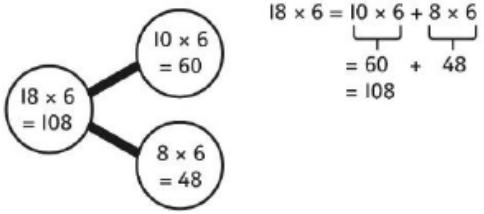
Subtraction

Formal written methods with four digit numbers

	Th	H	T	O
	2	~~4~~3	~~9~~1	~~0~~ 12
−		2	4	3
	2	2	5	9

Multiplication

Partitioning to multiply



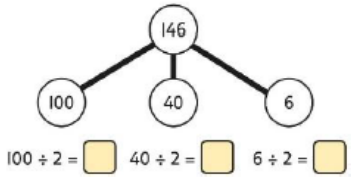
18 × 6 = 10 × 6 + 8 × 6
= 60 + 48
= 108

Use column multiplication- multiplying by a single digit

	3	1	2
×			3
	9	3	6

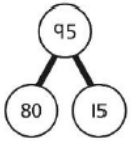
Division

Partitioning to divide



100 ÷ 2 = 50
40 ÷ 2 = 20
6 ÷ 2 = 3
50 + 20 + 3 = 73
142 ÷ 2 = 73

Understand remainders



80 ÷ 4 = 20
12 ÷ 4 = 3

95 ÷ 4 = 23 remainder 3

Key Fluency Skills by end of Year 4

- Quickly recall compliments to 100 e.g. 40 + 60 then 34 + 66
- Count in 1000s and 25s
- Roll numbers for all tables to x12
- Recall times table facts for up to x12 tables
- Multiply and divide whole numbers by 10 and 100
- Count up and down in tenths and hundredths.
- Scale by 100 to solve calculations e.g. 300 + 500 = 800, 800-400=400, 400x3=1200,400÷2=200
- Double and halve multiples of 100 e.g. double 300 is 600 and half of 1200 is 600.
- Add and subtract multiples of 1000 e.g. 4000+5000=9000 and 8000-3000=5000
- Double and halve multiples of 1000 e.g. double 3000 is 6000 and half of 8000 is 4000.
- Quickly recall compliments to 1 e.g. 0.6 + 0.4, 0.34 + 0.66
- Convert decimals to fractions

$\frac{1}{2}$ = 0.5 $\frac{1}{4}$ = 0.25 $\frac{3}{4}$ = 0.75 1/5 = 0.2

1/10 = 0.1 1/100 = 0.01 21/100 = 0.21