Number and place value

Pupils should be taught to:

- count from 0 in multiples of 6, 7, 9, 25 and 1000
- find 100 or 1000 more or less than a given number up to 10,000

Addition and subtraction

Pupils should be taught to:

- order and compare numbers beyond 1000
- add and subtract numbers with up to 4 digits

Number Facts: Year 4

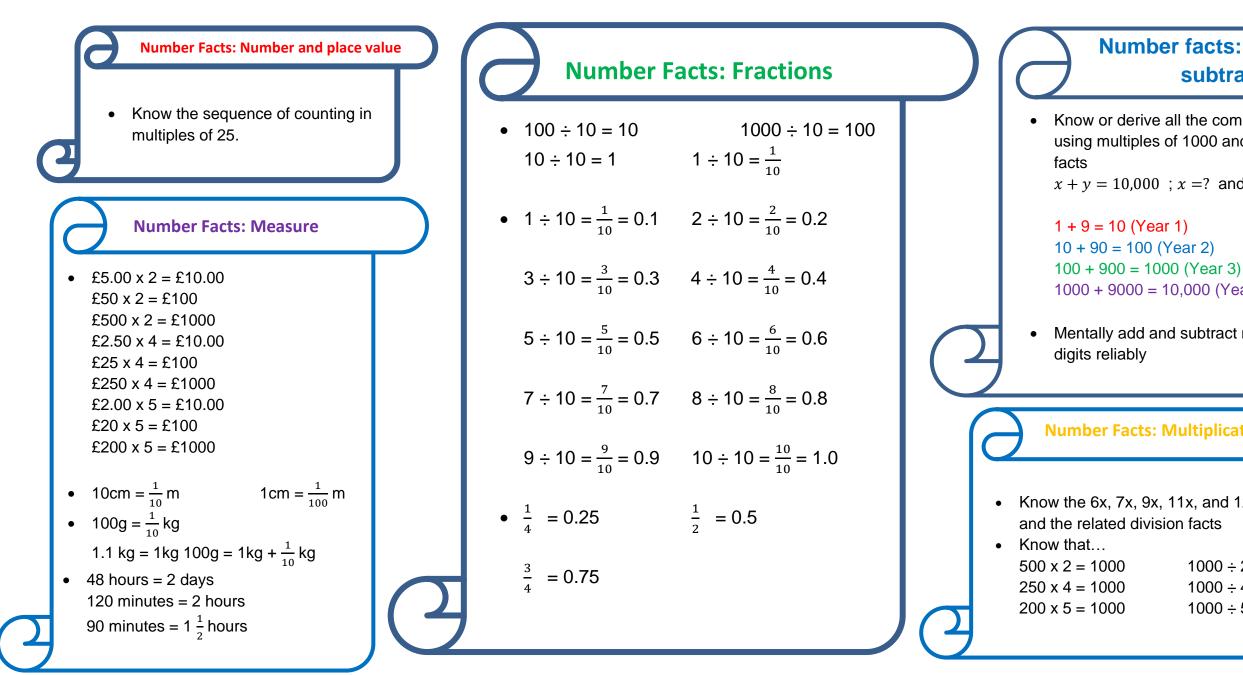
Multiplication and division

- Pupils should be taught to: • recall and use multiplication and
- division facts for multiplication tables up to 12 x 12
- multiply two-digit and three-digit • numbers by a one-digit number

Fractions

Pupils should be taught to:

- count up and down in hundredths; recognise that hundredths arise from dividing an object into 100 equal parts and in dividing tenths by 10
- recognise and write decimal equivalents of $\frac{1}{4}$, $\frac{1}{2}$ and $\frac{3}{4}$





Measurement

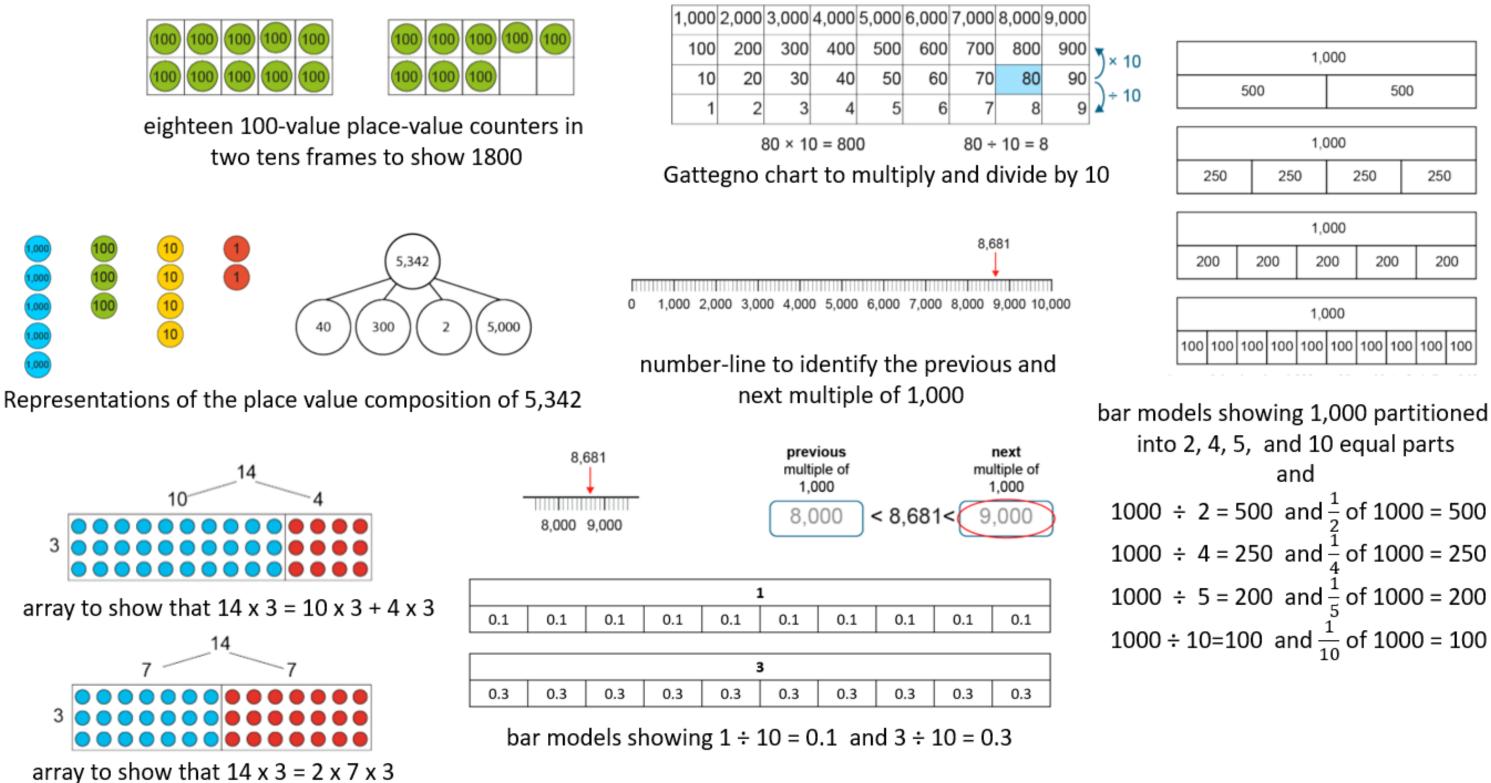
Pupils should be taught to:

• convert between different units of measure (e.g. kilometres to metres, hours to minutes)

Number facts: Addition and subtraction • Know or derive all the complements to 10,000 using multiples of 1000 and related subtraction x + y = 10,000; x = ? and y = ?1000 + 9000 = 10,000 (Year 4) Mentally add and subtract numbers with up to 2 **Number Facts: Multiplication and division** • Know the 6x, 7x, 9x, 11x, and 12x tables $1000 \div 2 = 500$ $1000 \div 4 = 250$ $1000 \div 5 = 200$



Mathematical models and images to support conceptual understanding underpinning key facts in Year 4





1,000 1,000 1,000

0	÷	2 = 500	and $\frac{1}{2}$ of 1000 = 500
0		4 250	$a = 1^{1} = 1000 = 250$

