

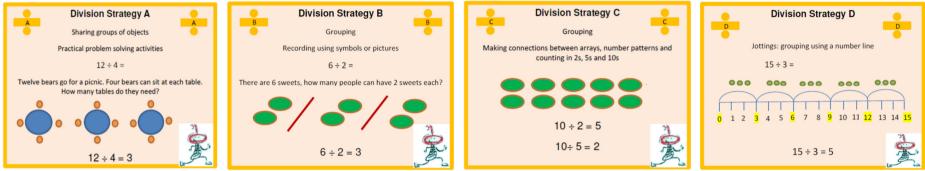
#### Strategies for the Written Method of Calculation for Division



#### (Strategies indicate end of year expectations)

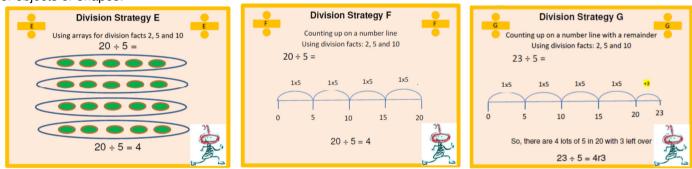
### <u>Year One</u>

Statutory Guidance: solve one-step problems involving division, by calculation the answer using concrete objects, pictorial representations and arrays with the support of the teacher. Non-Statutory Guidance: make connections between arrays, number patterns and counting in twos, fives and tens.



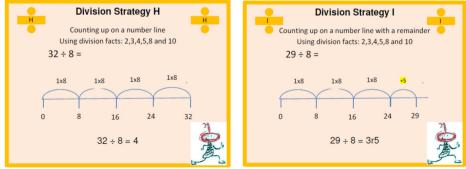
### Year Two

Statutory Guidance: Solve problems involving division, using materials, arrays, repeated addition, mental methods, and division facts, including problems in contexts. Non-Statutory Guidance: Connect unit fractions to equal sharing and grouping, to numbers when they can be calculated, and to measures, finding fractions of lengths, quantities, sets of objects or shapes.



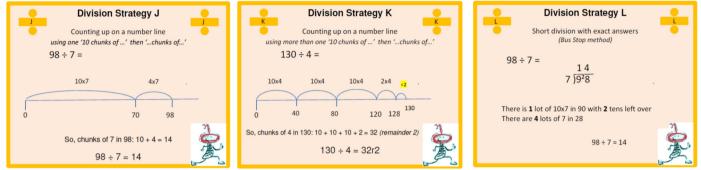
# Year Three

*Statutory Guidance*: Write and calculate mathematical statements for division using the multiplication tables that they know, progressing to formal written methods. Division facts include: 2, 3, 4, 5, 8 and 10.



## <u>Year Four</u>

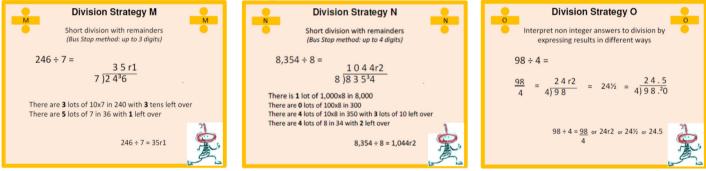
Non-Statutory Guidance: practise to become fluent in the formal written method of short division with exact answers. Division facts up to 12 x 12.



#### Year Five

*Statutory Guidance*: divide numbers up to 4 digits by a one-digit number using the formal written method of short division and interpret remainders appropriately for the context. Divide whole numbers and those involving decimals by 10, 100 and 1000.

Non-Statutory Guidance: interpret non integer answers to division by expressing results in different ways.



## Year Six

Statutory Guidance: divide numbers up to 4 digits by a two-digit whole number using the formal written method of long division, and interpret remainders as whole number remainders, fractions, or by rounding, as appropriate for the context. Divide numbers up to 4 digits by a two-digit number using the formal written method of short division where appropriate, interpreting remainders according to the context. Long division and short division are statutory requirements.

