

Division: Green (Y3)

Mental Work

Derive and recall

- corresponding division facts for the 2, 3, 4, 5, 8, and 10 times tables
- corresponding halves for the doubles of multiples of 10 to 100, e.g. double 90

Work mentally (with jottings if needed)

- halve any multiple of 10 up to 200, e.g. halve 170 (partition: halve the hundreds and tens separately then recombine)
- find unit fractions of numbers and quantities involving halves, thirds, quarters, fifths and tenths (recognise that finding a unit fraction is equivalent to dividing by the denominator and use knowledge of division facts)

Children should be encouraged to:

- * **approximate** their answers before calculating
- * **consider if a mental calculation** would be appropriate **before** using written methods
- * **check their answers** after calculation using an appropriate strategy

Recording

Children should be able to write mathematical statements for the multiplication and related **division facts** that they know

Missing number calculations

Remind the children to use their knowledge of inverse operations

$$26 \div 2 = \square \quad 24 \div \triangle = 12 \quad \square \div 10 = 8$$