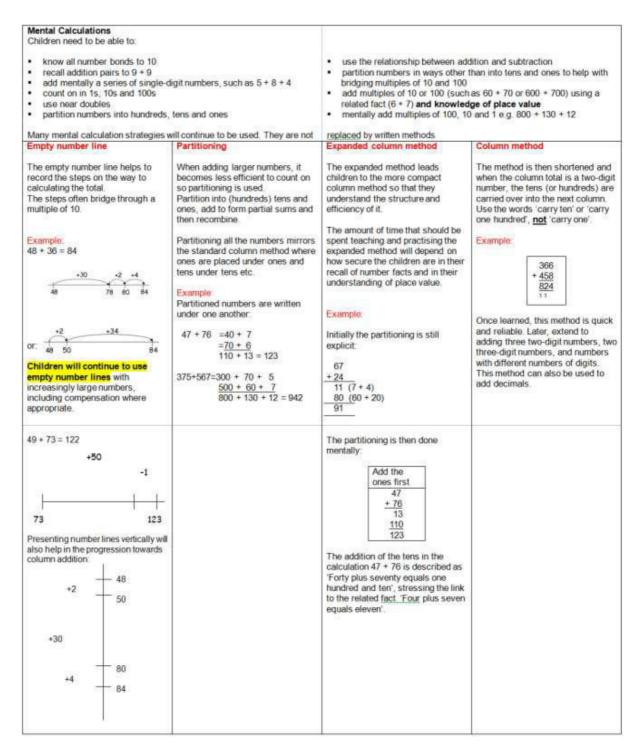
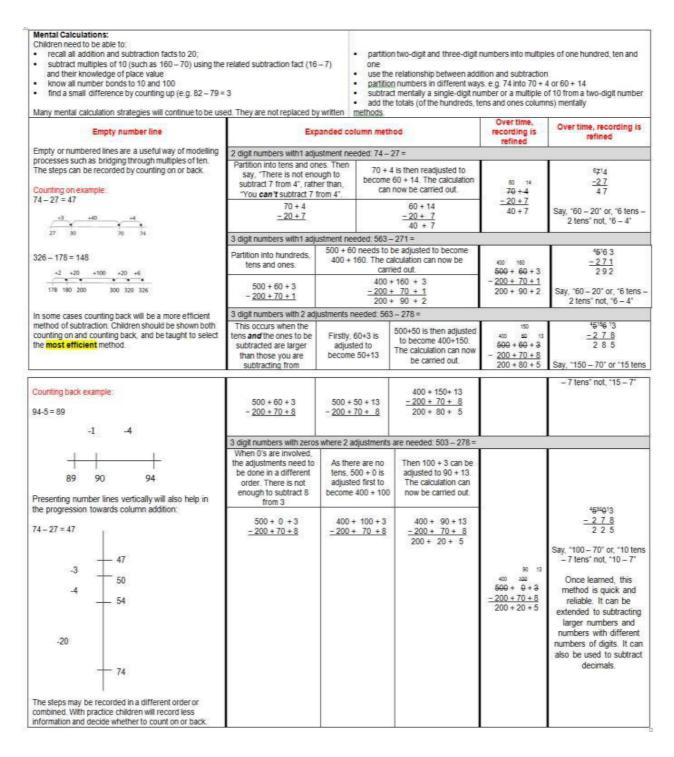
## Progression through calculation methods for addition

These notes show the stages in building up to a compact, **efficient** method for addition. Our aim is that children use mental methods when appropriate but for calculations that they cannot do in their heads they choose an appropriate written method which they can use accurately and with confidence. Time must be taken building up to the most efficient method to ensure complete understanding at each stage. The progression should be based on stage not age, i.e. progression should be based on ability regardless of year group. In all calculations children will be encouraged to approximate, using rounding and estimating to ensure that their answers are reasonable. Children should be encouraged to check their answers after calculation using an appropriate strategy.



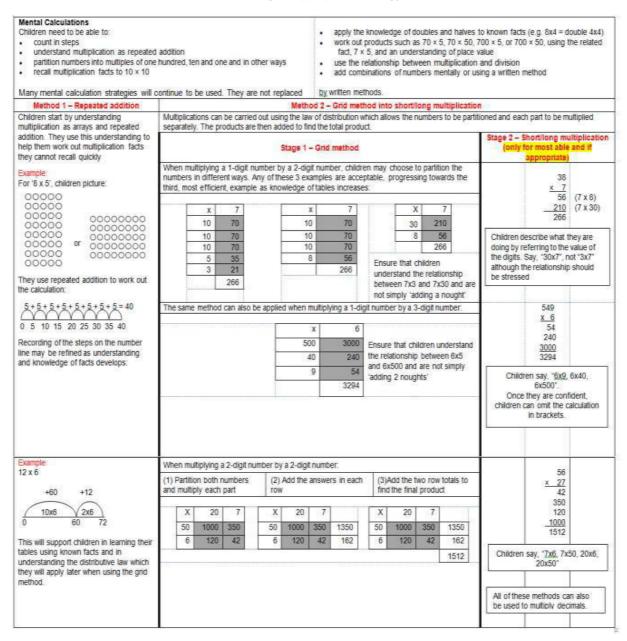
## Progression through calculation methods for subtraction

These notes show the stages in building up to a compact, **efficient** method for subtraction. Our aim is that children use mental methods when appropriate but for calculations that they cannot do in their heads they choose an appropriate written method which they can use accurately and with confidence. Time must be taken building up to the most efficient method to ensure complete understanding at each stage. The progression should be based on stage not age, i.e. progression should be based on ability regardless of year group. In all calculations children will be encouraged to approximate, using rounding and estimating to ensure that their answers are reasonable. Children should be encouraged to check their answers after calculation using an appropriate strategy.



## Progression through calculation methods for multiplication

These notes show the stages in building up to a compact, **efficient** method for multiplication. Our aim is that children use mental methods when appropriate but for calculations that they cannot do in their heads they choose an appropriate written method which they can use accurately and with confidence. Time must be taken building up to the most efficient method to ensure complete understanding at each stage. The progression should be based on stage not age, i.e. progression should be based on ability regardless of year group. In all calculations children will be encouraged to approximate, using rounding and estimating to ensure that their answers are reasonable. Children should be encouraged to check their answers after calculation using an appropriate strategy.



## Progression through calculation methods for division

These notes show the stages in building up to a compact, **efficient** method for division. Our aim is that children use mental methods when appropriate but for calculations that they cannot do in their heads they choose an appropriate written method which they can use accurately and with confidence. Time must be taken building up to the most efficient method to ensure complete understanding at each stage. The progression should be based on stage not age, i.e. progression should be based on ability regardless of year group. In all calculations children will be encouraged to approximate, using rounding and estimating to ensure that their answers are reasonable. Children should be encouraged to check their answers after calculation using an appropriate strategy.

