

These are the more formal written methods for calculation in Year 6. Children are encouraged to choose the most efficient method for them for that particular question. For example, $200 + 1,300$ would be done mentally rather than writing out a method.

Addition	Year 5 and 6	Subtraction	Year 5 and 6
Key Vocab sum, total, parts and wholes, plus, add, altogether, more, increase, 'is equal to,' 'is the same as,'	Compact method Children add 5 and 6 digit numbers and decimals. 15.68 + 27.86 11.1 43.54 They also use their understanding of the methods to solve missing number calculations 327 + 8 8 4175	Key Vocab take away, less than, the difference, subtract, minus, fewer, decrease, 'how many left?'	Compact method They develop their understanding of using the compact method, eventually applying to decimals. 341 - 26 15 23.47 - 1.59 1.88
Multiplication		Division	
Key Vocab double, times, multiplied by, multiple, the product of, groups of, lots of, equal groups.	Formal Written Method Short multiplication for 2,3 or 4 digits x 1 digit 23 x 6 138 Long multiplication for 2,3 or 4 digits x 2 digits 27 x 52 54 1350 1404	Key Vocab share, group, divide, divided by, half	Bus Stop Division Children use this method with regrouping. 123 5 615 They move on to using the method for 2-digit numbers 0092 36 33172 1x306 2x6012 3x9018 4x12024 36 72 108 144