|  |
| --- |
| Subtraction **Year 4 Year 5 Year 6** |
| - = signs and missing numbersContinue using a range of equations as in Year 1 and 2 but with appropriate numbers.Find a difference using models and imagese.g. 358 and 128. This can be done using a bar model or equipment or a formal method. Children should be encouraged to use known number facts to reduce the number of steps.  Pencil and paper proceduresComplementary addition754 – 86 = 668Subtract using mental strategiese.g 2001 – 189  or 1999 – 189 = 1810 2001 – 189 = 1801 + 11 = 18122001 – 189 = 1812 200 – 189 = 11Written methodsExpanded column subtraction with decomposition using up to 4 digit numbers. 232 – 114 = 118 20 1 2 1 200 30 2 can be refined to 232 and  - 100 10 4 - 114  100 10 8 118  | - = signs and missing numbersContinue using a range of equations as in Year 1 and 2 but with appropriate numbers up to 6 digits.Find a difference e.g. 8006 – 2993 = 5013This can be modelled on an empty number line by counting up, bar modelling or a formal method. Pencil and paper proceduresComplementary addition754 – 286 = 468OR 6 14 14  14 (300) can be refined to 7 5 4 400 (700) - 2 8 6 54 (754) 4 6 8 468Subtract using mental strategies and knowledge of place value.Written methodsSubtraction using decomposition with up to 6 digit numbers and decimals to two decimal places.    | **- = signs and missing numbers**Continue using a range of equations as in Year 1 and 2 but with appropriate numbers.Find a difference e.g. 8000 – 2785 = 5215To make this method more efficient, the number of steps should be reduced to a minimum through children knowing:* Complements to 1, involving decimals to two decimal places ( 0.16 + 0.84)
* Complements to 10, 100 and 100

Complementary addition6467 – 2684 = 3783Decomposition **5 13** 166467 – 2684 = 3783 6 4 6 7 * 2 6 8 4
* 3 7 8 3

Reduce the number of steps to make the calculation more efficientContinue calculating with decimals, including those with different numbers of decimal places.Subtract using mental strategies and knowledge of place value.Continue using strategies as in year 4 and 5Written methodsSubtraction using decomposition with up to 6 digit numbers and decimals to three decimal places.   |