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| **EQUATIONS** | | | | | |
| Year 1 | Year 2 | Year 3 | Year 4 | Year 5 | Year 6 |
| *solve one-step problems that involve addition and subtraction, using concrete objects and pictorial*  *representations, and* ***missing number problems*** *such as*  *7 =* \* *- 9*  (copied from Addition and Subtraction) | *Recognise and use the inverse relationship between addition and subtraction and use this to check calculations and* ***missing number*** *problems.*  (copied from Addition and Subtraction) | Solve problems, *including* ***missing number*** *problems, using number facts, place value, and more complex addition and subtraction.* (copied from Addition and Subtraction) |  | *use the properties of*  *rectangles to deduce related facts and find* ***missing***  ***lengths and angles*** (copied from Geometry: Properties of Shapes) | express missing number problems algebraically |
| *solve problems, including* ***missing number*** *problems, involving multiplication and division, including integer scaling*  (copied from  Multiplication and Division) |
|  | Recall and use addition and subtraction facts to 20 fluently, and derive  and use related facts up to  100 (multiples of 10) | Consolidate derive and use related facts up to 100 (multiples of 5 and 10) | Consolidate derive and use related facts up to 100 (for any pairs of numbers) | Derive and use addition and subtraction facts to 1 and 10. | find pairs of numbers that satisfy number sentences involving two unknowns |
| *represent and use number bonds and related subtraction facts within 20* (copied from Addition and Subtraction) |  |  |  |  | enumerate all possibilities of combinations of two  variables |

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| **FORMULAE** | | | | | |
| Year 1 | Year 2 | Year 3 | Year 4 | Year 5 | Year 6 |
|  |  |  | *Perimeter can be expressed algebraically as 2(a + b)*  *where a and b are the dimensions in the same unit. (Copied from NSG measurement)* |  | use simple formulae |
| *recognise when it is possible to use* ***formulae*** *for area and volume of shapes*  (copied from Measurement) |
| **SEQUENCES** | | | | | |
| *sequence events in chronological order using language such as: before and after, next, first, today, yesterday, tomorrow, morning, afternoon and*  *evening*  (copied from Measurement) | *compare and sequence intervals of time*  (copied from Measurement) |  |  |  | generate and describe linear number sequences |
| *order and arrange combinations of mathematical objects in patterns*  (copied from Geometry: position and direction) |