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| **Addition** | **Using number facts*** Know pairs with each total to 20 e.g. *2 + 6 = 8, 12 + 6 = 18, 7 + 8 = 15* **(2A.1)**
* Add two or three 1-digit numbers
* Use related facts to add multiples of 10 and 100 e.g. 6 + 3 = 9 so 60 + 30 = 90 **(2A.2)**
* Add a 1-digit number to any 2-digit number using number facts, including bridging multiples of 10 e.g. *57 + 5 (use abacus to show 57 + 5 = 57 + 3 + 2)* (**2A.3)**
 | **Mental Calculation*** Add 10 and small multiples of 10 to any given 2-digit number **(2A.4)**
* Add any pair of 2-digit numbers using an unstructured number line **(2A.5)**

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| **Subtraction** | **Using number facts*** Know pairs with each total to 20 e.g. *8 – 2 = 6* e.g. *18 – 6 = 12* e.g. *15 – 8 = 7* **(2S.1)**
* Use related facts to subtract multiples of 10 and 100 e.g. 6-4=2 so 60-40=20 **(2S.2)**
* Subtract a 1-digit number from any 2-digit number using number facts, including bridging multiples of 10 e.g. *57 – 5* e.g. *52 – 6 = 52 – 2 - 4* **(2S.3)**
 | **Taking Away (Count back)*** Count back in 10s and small multiples of 10 from any given 2-digit number

using a hundred grid **(2S.4)*** Count back in 10s and 1s from any given 2-digit number using an unstructured

number line **(2S.5)** **Counting On (FROG)*** Subtract any pair of 2-digit numbers by counting on (FROG) in 1s and 10s using an unstructured number line **(2S.6)**
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| **Multiplication** | **Counting in steps*** Count in 2s, 5s and 10s **(2M.1)**
* Begin to count in 3s **(2M.2)**
 | **Doubling and Halving*** Double numbers up to 20 **(2M.3)**
* Begin to double multiples 10 **(2M.3)**
 | **Grouping** * Begin to understand that multiplication is repeated addition and to use arrays

e.g. *3 × 4 is three rows of 4 dots* **(2M.4)*** Begin to learn the ×2, ×3, ×5 and ×10 tables, seeing these as ‘lots of’ e.g. *5 lots of 2, 6 lots of 2, 7 lots of 2*
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| **Division** | **Counting** * Using fingers, say where a given number is in the 2s, 5s or 10s count e.g. *8 is the fourth number when I count in 2s* **(2D.1)**
 | **Doubling and Halving** * Halve even numbers to 20 **(2D.2)**
* Begin to halve numbers to 40 and multiples of 10 to 100 **(2D.2)**
 | **Grouping*** Relate division to grouping e.g. *How many groups of 5 in 20 i.e.\_\_ x 5 = 20 and also 20 ÷5 = ?* **(2D.3)**

 |  **Sharing** * Find 1/2, 1/3, 1/4 and 3/4 of a quantity of objects and of amounts (whole number answers) **(2D.4)**
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