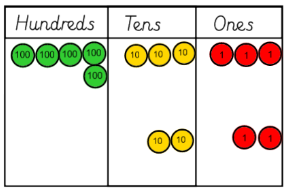
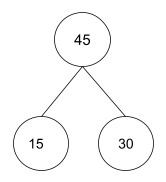
**Year 3 Calculation Methods**

Year 3 Maths builds on prior knowledge from year 2, securing understanding of numbers up to 1000.

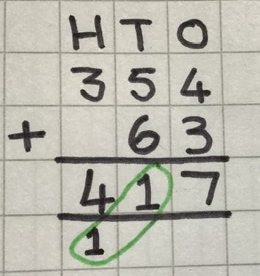
We use a variety of calculation methods in Year 3, which are illustrated below:

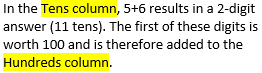
**Addition**

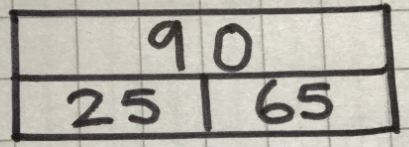
**533 + 22**

**Place Value Board & Counters Part-Part-Whole Model**



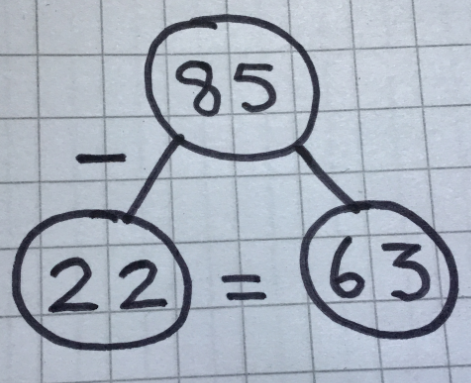
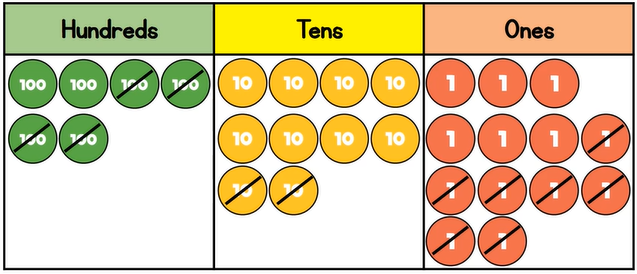


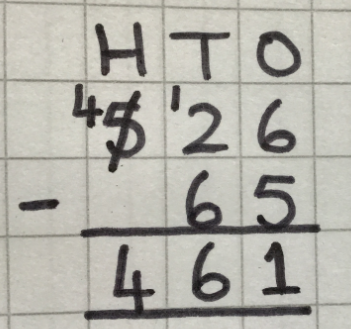


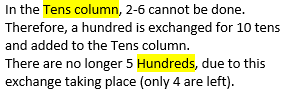
**Bar Model Column Method**

**Subtraction**

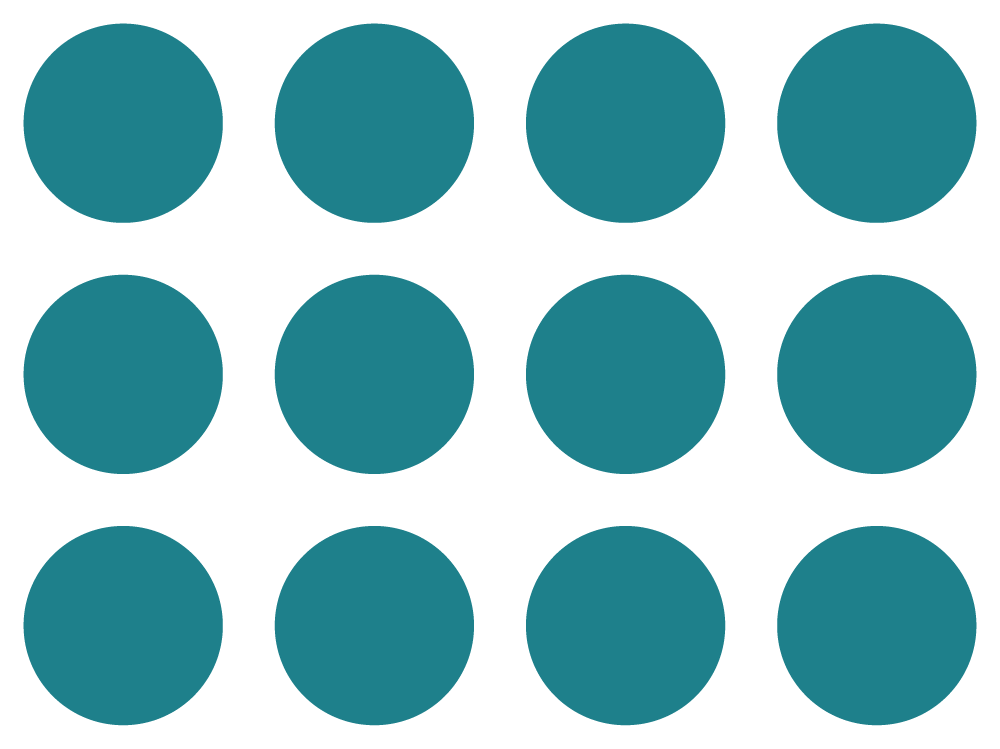
**713 -427 = 85 – 22 = 63**



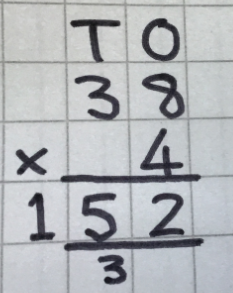


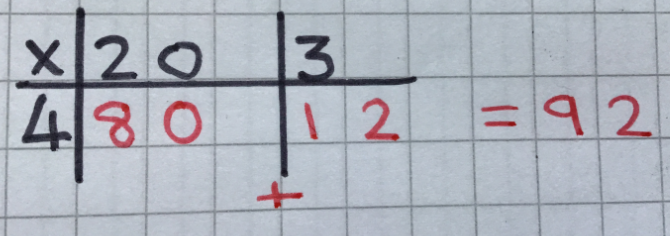


**Multiplication**

 **3 x 4 = 12 5 x 6 = 30**

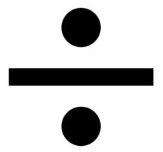
**Arrays Repeated Addition**

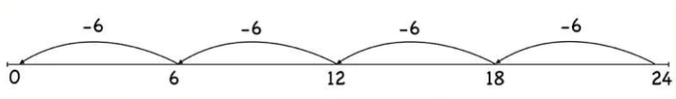
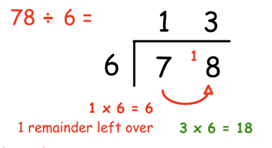
 **23 x 4**



**Grid Method Column Method**

**Division**

**24**  **6**

**Division by Repeated Subtraction Bus Stop Division**