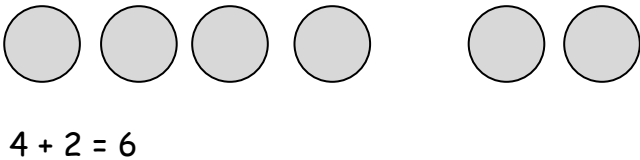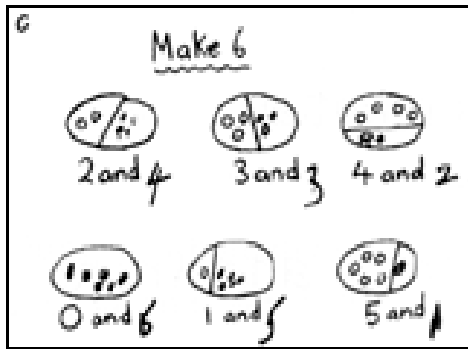**Addition**

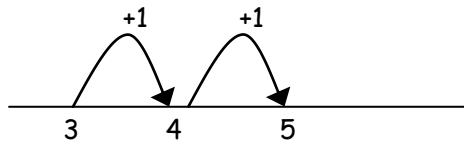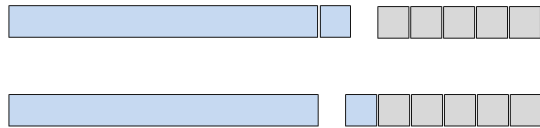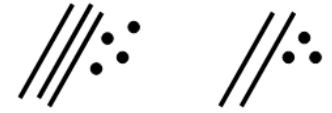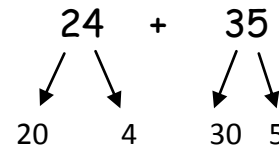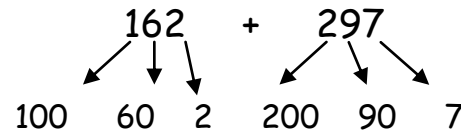|		
Drawing pictures to represent calculations and using practical equipment such as counters. 4 + 2 = 6	Children move on to using Base 10 equipment to support their developing understanding of addition. 11 + 5 = 16 11 cubes are lined up (1 ten and 1 unit/one). 5 cubes are added to the line of 11 giving a total of 16. If possible, use two different colours of base 10 equipment so that the initial amounts can still be seen.	Children continue to use the Base 10 equipment to support their calculations. They will record their own drawings of the Base 10 equipment, using lines for 10 rods and dots for the unit blocks. 34 + 23 = 57 The units/ones are added first 4 + 3 = 7 The tens are added next 30 + 20 = 50 Both answers are put together 50 + 7 = 57
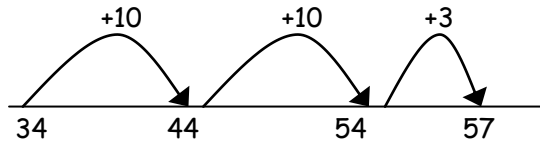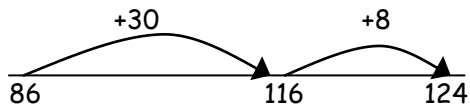
Number line

3 + 2 = 5


```
    +1      +1
   ___     ___
  3       4       5
```

34 + 23 = 57

```
    +10        +10      +3
  34         44       54      57
```

38 + 86 = 124

```
     +30          +8
  86          116       124
```

Partition

24 + 35

20   4   30   5

20 + 30 = 50
4 + 5 = 9
50 + 9 = 59

162 + 297

100 60 2   200 90 7

100 + 200 = 300
60 + 90 = 150
2 + 7 = 9
300 + 150 + 9 = 459

Column method

The example bottom left would be 'said' as follows:
5 + 8 = 13, put 3 down and carry the 10
20 + 40 + 10 that was carried over = 70 (7 written in the tens column)
600 + 0 = 600 (6 written in the hundreds column)

```
HTU
625          367        £3.48
+  48       +  85      + £0.78
 673         452        £4.26
   1          11          1 1
```