# HELPING AT HOME
# ADDITION

## Mental strategies

There are a number of useful mental strategies for addition. Some examples are given below.

**Example**    Calculate 35 + 39

**Method 1**    Add tens, then add units, then add together

30 + 30 = 60          5 + 9 = 14          60 + 14 = 74

**Method 2**    Split up number to be added into tens and units and add separately.

35 + 30 = 65          65 + 9 = 74

**Method 3**    Round up to nearest 10, then subtract

35 + 40 = 75    but 40 is 1 too much so subtract 1;
75 - 1 = 74

## Written Method
When adding numbers, ensure that the numbers are lined up according to place value. Start at right hand side, write down units, carry tens.

**Example**    Add 3032 and 589

```
  3032          3032          3032          3032
 +589     →    +589     →    +589     →    +589
____1_         ___21         __621         _3621
```

2 + 9 = 11        3+8+1=12        0+5+1=6        3 + 0 = 3