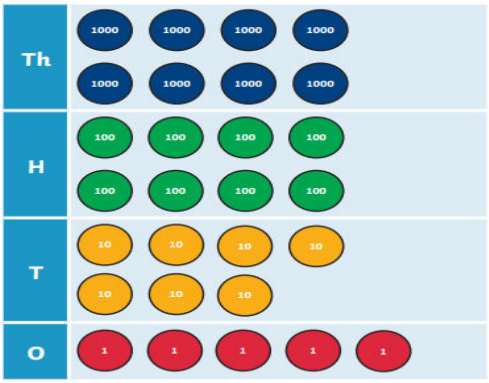
Year 5 Addition and Subtraction Vocabulary

Number bonds, number line
Add, more, plus, make, sum, total, altogether
Inverse
Double, near double
Half, halve
Equals, is the same as (including equals sign)
Difference between
How many more to make..? How many more is…than..? How much more is..?
Subtract, take away, minus
How many fewer is…than..? How much less is..?
Column addition and subtraction
Efficient written method

Addition

Place Value Grid: 3274 + 5601 = 8875



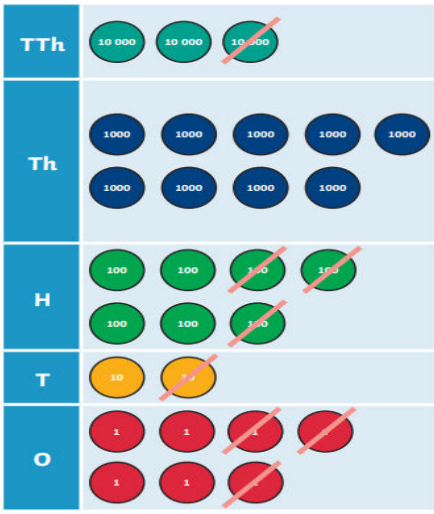
Column Method

Starting with the ones, add each column in turn. Regroup tens, hundreds, thousands, ten thousands and/or as required.

$$\begin{array}{r} 45864 \\ +23497 \\ \hline 69361 \\ 111 \end{array}$$

Subtraction

Place Value Grid: 35 727 – 6313 = 29 414



Column Method

Starting with the ones, subtract each column in turn. Exchange tens, hundreds, thousands and/or ten thousands as required.

$$\begin{array}{r} {}^{6}\cancel{3}\,{}^{13}\cancel{5}\,{}^{1}7\,42 \\ -\ 3476 \\ \hline 32266 \end{array}$$

Estimate and Approximate

Rounding to Estimate

41 635 + 7386 = 49 021

Round to ten:

41 630 + 7380 = 49 010
41 630 + 7390 = 49 020
41 640 + 7390 = 49 030

Rounding is not as accurate when both numbers are rounded up. A better estimate comes from "rounding" one down and one up.

Estimating on a Number Line

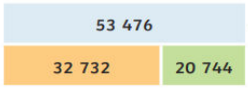


The arrow is about $\frac{3}{4}$ of the way across the line so it is 40 000.



Inverse Operations

Use the inverse to check:



To check 53 476 – 32 732 = 20 744 use 32 732 + 20 744 = 53 476

Start with a number, subtract 409 and double. I end with 6264. To find the starting number use the inverse: halve, then add 409. Half of 6264 = 3132. 3132 + 409 = 3541. The starting number was 3541.

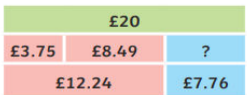
Multistep Problems

Using a Bar Model

The sum of two numbers is 25 567.
The difference is 1875.



Subtract 1875 from 25 567 = 23 692.
Halve 23 692 to find smaller number = 11 846.
Add 1875 to find larger number = 13 721.



£20 is used to buy 2 books costing £3.75 and £8.49. How much change is given?

£3.75 + £8.49 = £12.24
£20.00 - £12.24 = £7.76