Forgotten methods from the days before calculators

Arithmetic skills are an essential requirement for all pupils. Before these skills can be taught the teacher must be aware of the common errors. This section examines these common errors and suggests ways to eliminate them.

Common error 1: Straight columns

Failure to keep numbers in straight columns.

Solution

Pupils should place numbers in neat columns and space the numbers.

Common error 2: Failure to 'carry' numbers

Failure to carry this number

Common error 3: Forgetting about the 'carry' number

$$7 + 6 = 13$$
 Carry the (1)

A good way to remember the carry number is to write it in a circle

Common error 4: Subtracting the number the wrong way round

Remember

3 take-away 9 you can't So borrow from the '80'

Long multiplication

Long division - 1

Work out the answer and show the remainder, if any.

Level 3 exam

Here are some numbers on cards







- a Write the number in words.
- b Write the number to the nearest hundred.
- What is the largest number you can make with these cards?

David has these coins













- a How much money does he have?
- He buys this pen



How much money does he have left?

- 3 Here are some numbers: -1, 7, 0, -8, 5
 - a Which is the largest number?
 - b Which is the smallest number?
- 4 Fill in the missing numbers to make the sums correct

a
$$18 - \boxed{} = 6$$
 b $5 + \boxed{} = 12$

Peter has 18 toy soldiers



He places them in rows of five

How many rows can he make and how many soldiers does he have left over?

Peter decides to buy 10 more soldiers. Soldiers are sold in boxes of three.

b How many boxes should he buy?



- a Add these numbers: 237, 184, 68
 - Take away 27 from 81
- Here are some shapes

There are four squares.

Complete these sentences:

- a There are ____ circles
- There are three ____

Which of these shapes are 3-D?









