

## Aims

- To briefly look at the current teaching of numeracy and mathematics in school
- To explain some of the resources that are used in school
- To demonstrate ways you can help at home





# Grid Method

#### 256 x 3



#### Grid Method

x	10	5	x	20	2	x	20	٩
6			3			2		

213 x 4 = \_\_\_\_ 263 x 3 = \_\_\_\_ 183 x 5 = \_\_\_\_

X	200	10	3	х	200	60	3	x	100	80	3
4				3				5			

### Grid Method for Division



# 10 + 6 = 16

### Non-formal written algorithms (Addition)

Partitioning help us to calculate with large numbers by focussing on the place values one at a time.

 33478

 Add the tens of thousands
 +45376

 Add the thousands
 ----- 

 Add the hundreds
 70000

 Add the tens
 700

 Add the tens
 700

 Add the tens
 140

14

78854

### Non-formal written algorithms (subtraction)

We can use the same semi-formal written method that we used to subtract three digit and four digit numbers

Subtract the thousands Subtract the hundreds Subtract the tens Subtract the ones

## Bar Modelling

- Bar modelling is a pictorial form of a calculation
- It does not solve the problem but it can represent what needs to be done
- Follows the CONCRETE PICTORIAL – ABSTRACT
- Can be used in:
  - All 4 processes
  - Fractions, decimals and percentages
  - Place value

17					
4	13				

Ron and Mo each have some stickers.

Ron has 84 stickers.

Ron gives Mo 13 stickers.

Ron and Mo now have the same number of stickers.

How many stickers did Mo have at the start?



Mo had <u>58</u> stickers at the start.









# Think Boards

