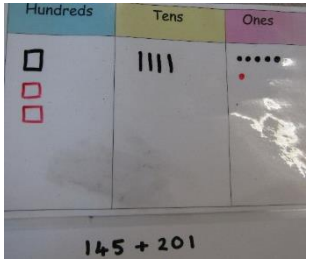
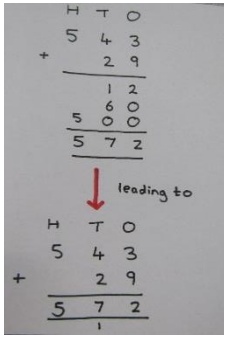
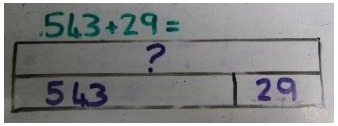
Year 3 Addition

Pupils should be taught to:

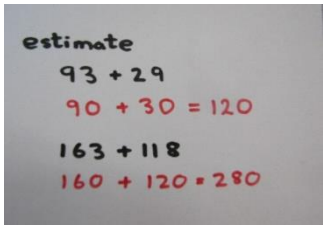
- add and subtract numbers with up to three digits, using formal written methods of column addition and subtraction



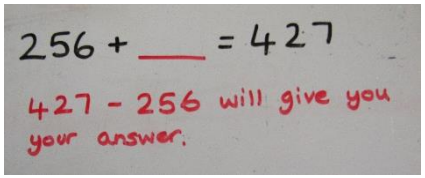




- estimate the answer to a calculation and use inverse operations to check answers

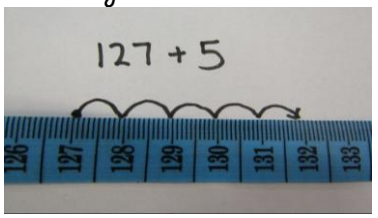


- solve problems, including missing number problems, using number facts, place value, and more complex addition and subtraction.

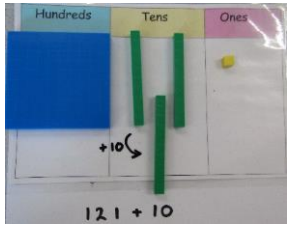


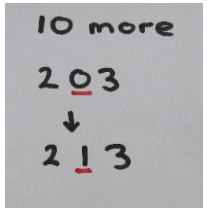
- add and subtract numbers mentally, including:

  - a three-digit number and ones

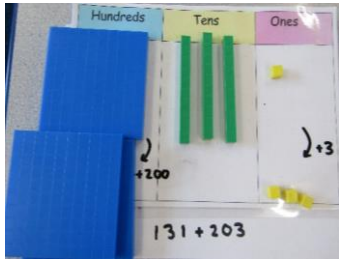


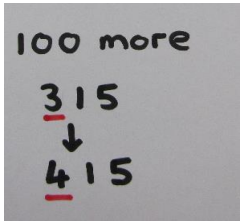
  - a three-digit number and tens





  - a three-digit number and hundreds

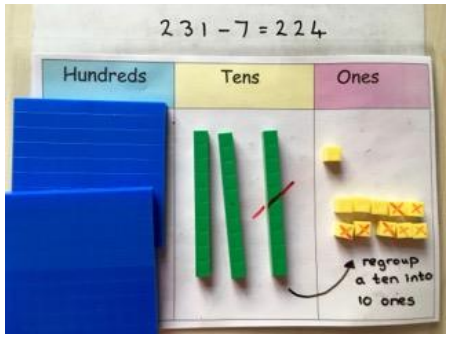


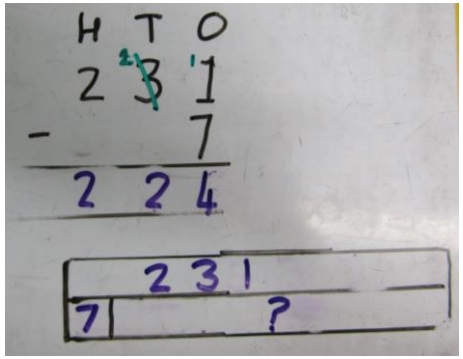


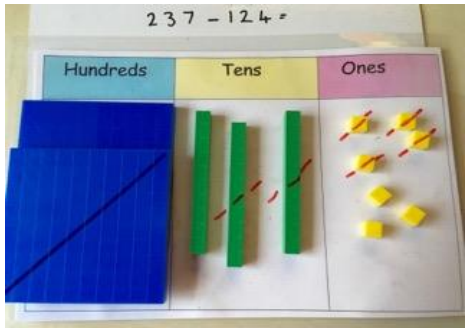
Year 3 Subtraction

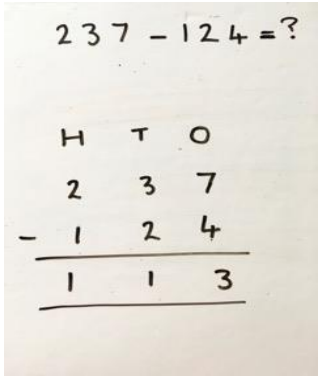
Pupils should be taught to:

- subtract numbers with up to three digits, using formal written methods of column subtraction

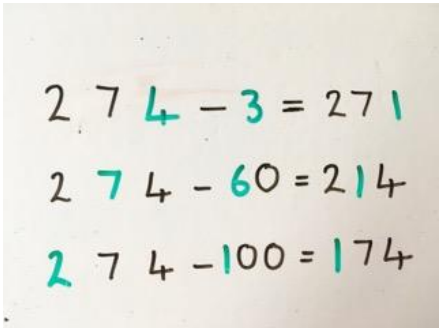




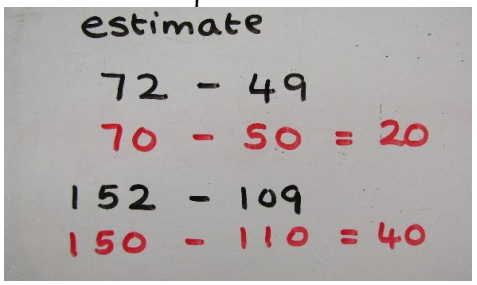


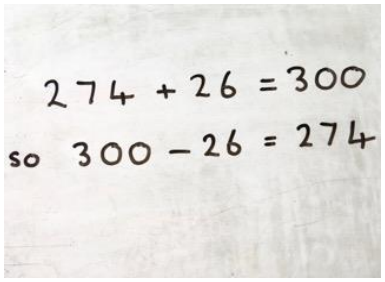


- subtract numbers mentally, including:
  - a three-digit number and ones
  - a three-digit number and tens
  - a three-digit number and hundreds



- estimate the answer to a calculation and use inverse operations to check answers





- solve problems, including missing number problems, using number facts, place value, and more complex addition and subtraction.

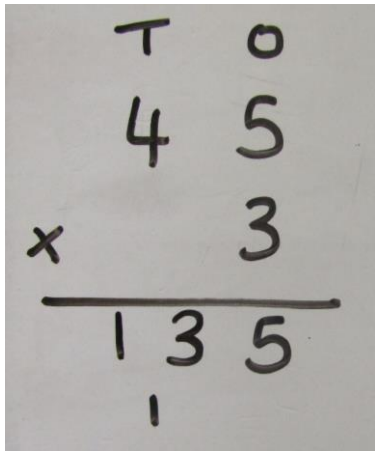
Sammy raised £345 for charity. He raised £189 selling cakes and the rest washing cars. How much money did he raise by washing cars?

564+ ☐ = 842

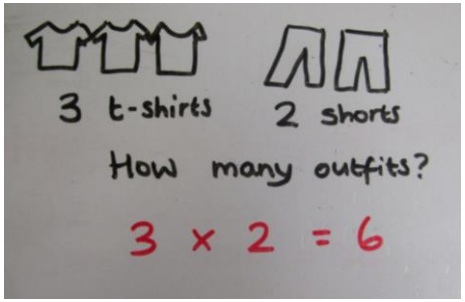
Year 3 Multiplication

Pupils should be taught to:

- write and calculate mathematical statements for multiplication using the multiplication tables that they know, including for two-digit numbers times one-digit numbers, using mental and progressing to formal written methods



- solve problems, including missing number problems, involving multiplication including positive integer scaling problems and correspondence problems in which n objects are connected to m objects

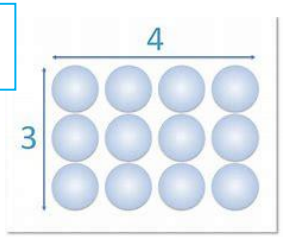


We look at times tables in a variety of ways

4, 8, 12, 16, 20.....

1x4=4 2x4=8

3x4=12 4x4=16



4x5=20 5x4=20

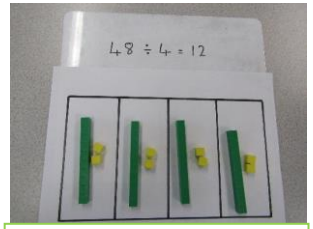
20÷4=5 20÷5=4

- recall and use multiplication and division facts for the 3, 4 and 8 multiplication tables

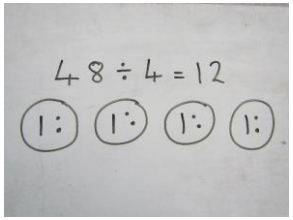
Year 3 Division

Pupils should be taught to:

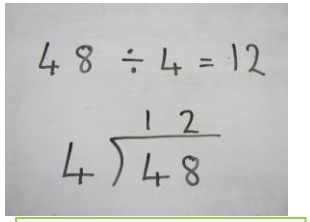
- write and calculate mathematical statements for division using the multiplication tables that they know



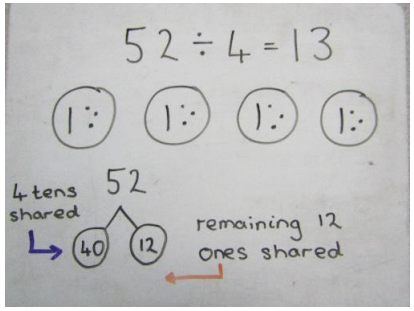
We use equipment to share



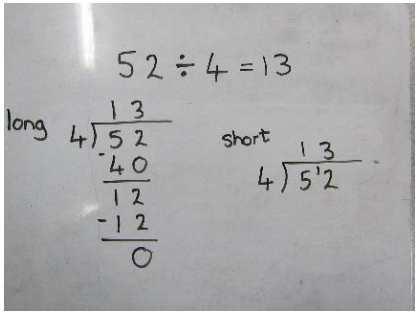
We use drawings



We start using the bus stop method

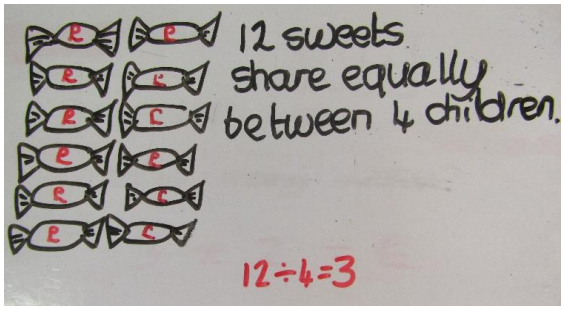


We use renaming



We use both long and short method

- solve problems, including missing number problems, involving multiplication and division, including positive integer scaling problems and correspondence problems in which n objects are connected to m objects.



- recall and use division facts for the 3, 4 and 8 multiplication tables

How many 4s in 24?

4x5=20 5x4=20

20÷4=5 20÷5=4