

Stage 1

Addition

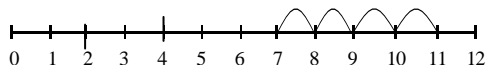
+ And = signs and missing numbers

$$\begin{array}{ll} 3 + 4 = \square & \square = 3 + 4 \\ 3 + \square = 7 & 7 = \square + 4 \\ \square + 4 = 7 & 7 = 3 + \square \\ \square + \nabla = 7 & 7 = \square + \nabla \end{array}$$

Promoting covering up of operations and numbers.

Number lines (numbered)

$$7 + 4$$



Recording by - drawing jumps on prepared lines

Constructing own number lines

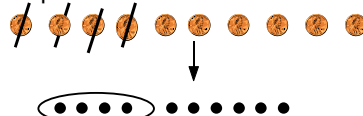
(Teacher model number lines with missing numbers)

(Teachers model jottings appropriate for larger numbers)

Subtraction

Pictures / marks

Sam spent 4p. What was his change from 10p?



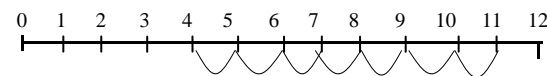
- and = signs and missing numbers

$$\begin{array}{ll} 7 - 3 = \square & \square = 7 - 3 \\ 7 - \square = 4 & 4 = \square - 3 \\ \square - 3 = 4 & 4 = 7 - \square \\ \square - \nabla = 4 & 4 = \square - \nabla \end{array}$$

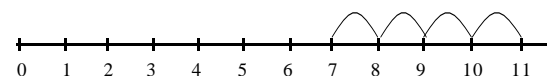
Number lines (numbered)

$$11 - 7$$

(Counting back)



The difference between 7 and 11
(Counting up)



Recording by - drawing jumps on prepared lines
- Constructing own lines

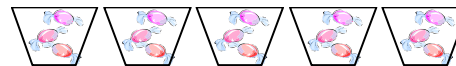
Multiplication

Pictures and symbols

Counting in 2s, 5s and 10s on a hundred square.

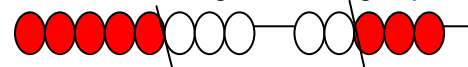
There are 3 sweets in one bag.
How many sweets are there in 5 bags?

Draw pictures to show groupings



(Recording on a number line modelled by the teacher when solving problems)

Use of bead strings to model groups of.



Division

Pictures / marks

12 children get into teams of 4 to play a game. How many teams are there?

