

Multiplication

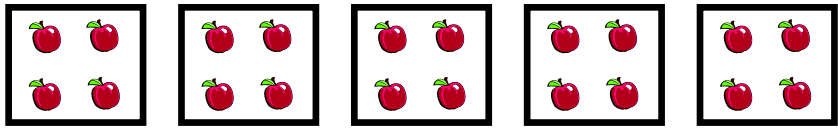
Children's recordings are the expectations for the end of Year 2
Children to use practical apparatus, number lines and hundred squares for support

Year Group: 2

Pictures

Repeated addition

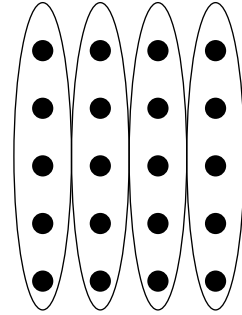
There are 4 apples in one box. How many apples in 5 boxes?



leading to

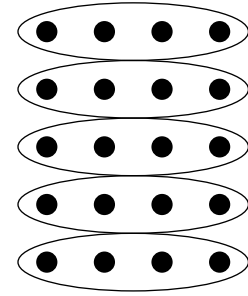


Array



$$5 \times 4 = 20$$

or



$$4 \times 5 = 20$$

Signs and Symbols

Know 2 and 10 times multiplication facts

$$\square \times 2 = 12$$

$$12 = 2 \times \square$$

$$7 \times 2 = \square$$

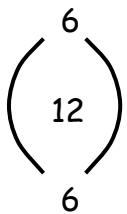
$$\square = 2 \times 7$$

$$9 \times \square = 90$$

$$90 = \square \times 9$$

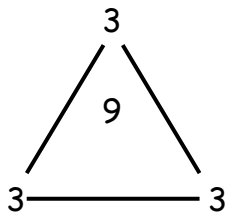
Other Jottings

(to be used alongside practical equipment, when children are finding number lines and more formal calculation methods difficult to understand)



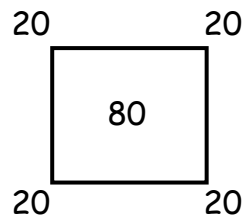
$$12 = 6 + 6$$

$$12 = 2 \times 6$$



$$9 = 3 + 3 + 3$$

$$9 = 3 \times 3$$



$$80 = 20 + 20 + 20 + 20$$

$$80 = 4 \times 20$$

Fluency

Children connect ten times tables to place value

Children connect five times table to clock face divisions

Children make links with division and therefore fractions.

$$3 \times \frac{1}{4} = \frac{3}{4} \text{ (concrete and pictorial)}$$