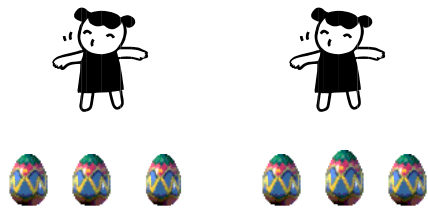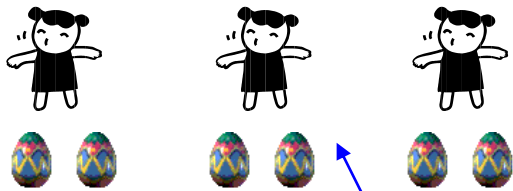# Division

Pictorial Division

6 ÷ 2 =

6 Easter eggs are shared equally between 2 children. How many eggs do they get each

Sharing between 2

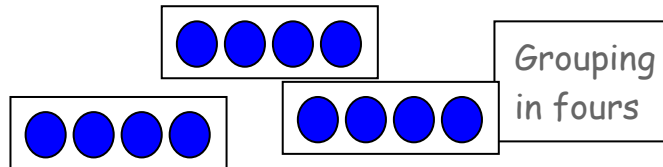There are 6 Easter eggs. How many children can have two each?

Grouping in twos

Drawing often gives children a way into solving the problem.

Symbolic Division

12 ÷ 4 =

4 apples are packed in a basket. How many baskets can you fill with 12 apples?

Grouping in fours

Dots or tally marks can either be shared out one at a time or split up into groups.

Arrays

Arrays should be used by the teacher to model sharing (÷ 2, 4 and 3). The inverse (multiply/lots of) should also be reinforced. reinforced.
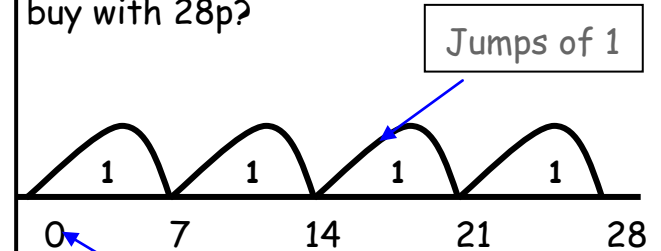
Jumping backwards on a number line:

10 ÷ 2 =

0 1 2 3 4 5 6 7 8 9 10

Blank number line Counting up

28 ÷ 7 =

A chew bar costs 7p. How many can I buy with 28p?

Jumps of 1

| 1 | 1 | 1 | 1 |

0   7   14   21   28
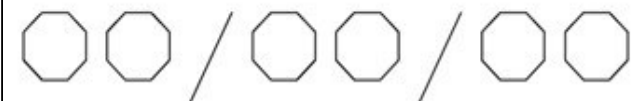
Re-emphasise starting at '0'

This shows you need 4 jumps of 7 to reach 28. (4 chew bars)

6 sweets shared between 2 people, how many do they each get?
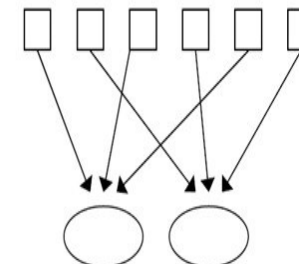
This is an important stage in teaching the difference between *grouping* and *sharing*.

There are 6 sweets, how many people can have 2 sweets each?

Sharing– equally into to amount of groups
Grouping-putting into groups.