MULLY (*Concept of Multiplication, with Numbers up to 50*)
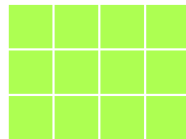
Bundle and count straws in bundles of 10. Explore the idea that one ten is 10, two tens are 20 etc. Introduce 10cm rods (shortened lolly sticks) and use these to count tens.

Group small numbers of counters in rectangular arrays and introduce the concepts and language associated with multiplication.

How many rows/groups?   3 rows/groups
How many in **each** row/group?   4 in **each** row/group
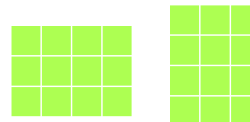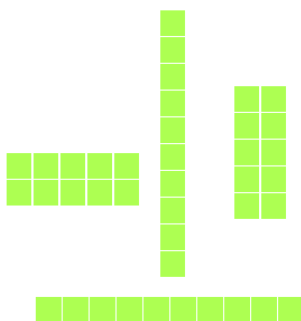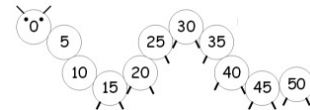How many **altogether**?   12 **altogether**

3 rows/groups/lots/sets of 4 is 12 etc.

Explore the link between pairs of facts:
3 rows of 4 is 12, 4 rows of 3 is 12.

Use a metre stick to explore counting in 10s, 2s and 5s. Use a 'counting caterpillar' and the 'tap say turn' game (see printable activities) to count up and down in 10s, 2s and 5s and to learn the 10x, 2x and 5x tables.

Investigate the different rectangles you can make with 10 counters. Link them to the related multiplication facts.

5 x 2 = 10, 2 x 5 = 10, 1 x 10 = 10, 10 x 1 = 10.

Repeat with 20 counters.