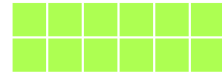


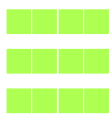
DIVVY (*The Concept of Dividing*)



Recap rectangles and multiplication facts for 12 counters.
 $2 \times 6 = 12$, $6 \times 2 = 12$ etc



Explore the idea of dividing. Start with 12 counters and split them into 2 groups, 3 groups, 4 groups etc. Explore linked division and multiplications.



12 **altogether**

4 in **each** row/group

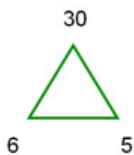
3 rows/groups

$$12 \div 4 = 3$$

because

$$3 \times 4 = 12$$

Explore multiplication triangles and their fact families.



$$6 \times 5 = 30$$

$$5 \times 6 = 30$$

$$30 \div 5 = 6$$

$$30 \div 6 = 5$$

Investigate: the number at the top of the triangle is at the end of the multiplications and the start of the divisions and is (usually!) the larger number.

Do some of the practical activities from Step 2 of the Success with Fractions Guide. (See printable activities.)

In particular, explore how to say and write fractions.

Numerator (How many?)

Denominator (What kind?)

$$\frac{1}{4} m$$

Introduce the term 'denominator' for the bottom number of the fraction. It tells us **what kind** of fraction we have.

The 'numerator' (top number) tells us **how many** we have.