

Working out fractions of numbers

To find $\frac{1}{5}$ of 20, for example:

- Divide 20 by 5 (the denominator): $20 \div 5 = 4$
- Multiply 4 (the answer) by 1 (the numerator): $4 \times 1 = 4$
- So $\frac{1}{5}$ of 20 is 4

In class we have been doing this practically with multilink, this could be done at home with items such a pasta, peas, pencils etc.

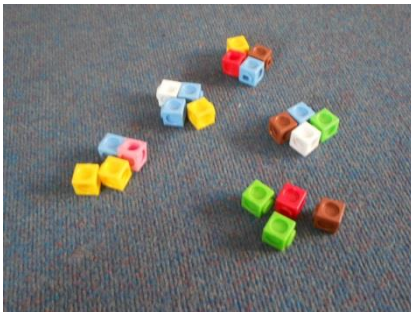
For example:

Find $\frac{1}{5}$ of 20.

1. Count out 20 items.



2. Divide into equal groups using the denominator



$\frac{1}{5}$

You need to divide by 5.

3. Use the numerator to see how many groups you need to count.



$\frac{1}{5}$ - You need to count one group.

$\frac{2}{5}$ - You need to count two groups.

$\frac{3}{5}$ - You need to count three groups. etc

$\frac{1}{5}$ of 20 = 4

$\frac{2}{5}$ of 20 = 8 (2 lots of 4)

$\frac{3}{5}$ of 20 = 12 (3 lots of 4)