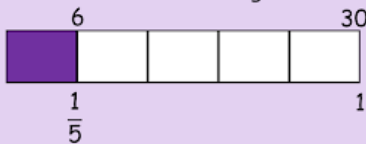**Bar model to solve fractions of amounts**

Finding fractions of amounts

The **denominator** tells us how many parts to divide into.

Finding $\frac{1}{5}$ of an amount is the same as dividing that amount by **5**.

So $\frac{1}{5}$ of 30 = 6

30 ÷ 5 = 6

The **numerator** tells us how many parts we want.

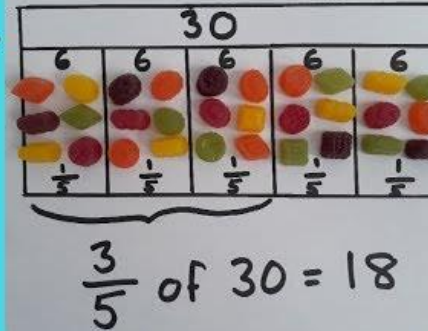If we're asked to find $\frac{3}{5}$ of an amount, we need **3** parts.

If $\frac{1}{5}$ of 30 = 6

Then $\frac{3}{5}$ of 30 = 18

6 × 3 = 18

FRACTIONS OF AMOUNTS USING THE BAR MODEL

$\frac{3}{5}$ of 30 = 18

Number facts to help solve questions

Remember

If I know ½ of 8 = 4   then I know 1/2 of 80 = 40

Stem sentences:

'A fraction is any **part** of a whole group, number or whole'

$\frac{1}{5}$ *'The whole is divided into 5 equal parts. Each part is one fifth of the whole. I have 1 equal part.'*

'The **denominator** (bottom number - down) tells us how many parts the whole is divided into'

'The **numerator** (top number) tells us how many parts we have or are looking at'

***Miss Brown's Favourite maths fact:** The line part of the fraction is called the vinculum*
(or you can just call it the fraction bar).