Finding fractions of amounts

Example: **¾ of 16=**

To help us find a fraction of a number we need to remember the purpose of the **numerator (top number)** and **denominator (bottom number).**

**The numerator tells us how many parts of the whole we are looking at**

**The denominator tells us how many equal parts the whole is split into**

Look at the picture representation below, for **¾** we have divided the shape into 4 equal parts because the denominator is 4 and I have shaded in 3 because the denominator tells us how many we are looking at.

To find ¾ of 16 we must first divide the number by 4. I am going to put it into my shape to help me.

4 8 12 16

I now know that **¼ of 16= 4** because there are 4 in each quarter of my shape. I now need to find ¾ so I will look at 3 of the squares to work it out.

4 8 12

**¾ of 16= 12**