Factors & Multiples: Tips

- Make sure you know the **difference between factors and multiples**
  - These can be confusing, and if you simply make sure you know which is which, then you will not be confused!
- To find out if a number is **prime or composite**, you have two options
  - The first is t**o memorize which numbers are prime and composite up as far as you like, so you know instantly when you see a number if it has more factors than itself and one.**
  - The second is to try **dividing the number by whole numbers, starting with 2**. This method is helpful when you are dealing with bigger numbers that are harder to memorize.
- Make sure that you know **how to find factors and multiples properly**.
  - Find a way that makes sense to you whenever you find factors or multiples.
  - Some people just **list all of them and some people know them by memory**: It is up to you!
    - Just make sure that you are doing it correctly
- **Know the difference between GCF and LCM** because they are often confused.
- To do prime **factorization, you don't have to use the tree if that doesn't make much sense to you.**
  - Just **find a method that works for you** and make sure it is giving you the correct answers. The most **important** thing is that you **show your work and get correct answers**.