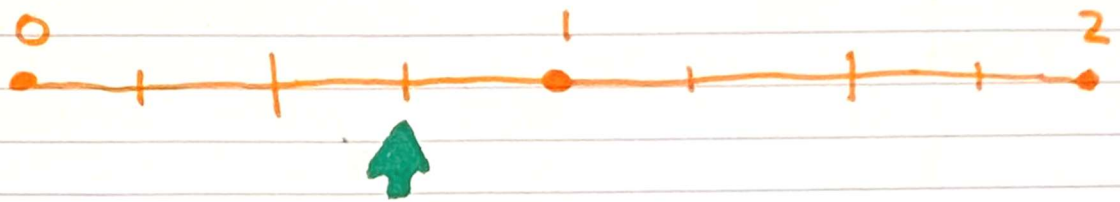# Part 1-2 → Simplifying

Again, the **EXACT** same value can be written in several ways

$$\frac{3}{4} = \frac{6}{8}$$

With the **2, 3, 5** method, ask yourself "can I divide top and bottom by **2, 3 or 5?**" Then keep going until you can't! ☺

Simplify

$$\frac{24}{30} \overset{\div 2}{\underset{\div 2}{}} \frac{12}{15} \overset{\div 3}{\underset{\div 3}{}} \frac{4}{5}$$

Another Simplifying method is The greatest common factor method

Simplify

$$\frac{24}{30}$$

24	
1	24
2	12
3	8
4	⑥

30	
1	30
2	15
3	10
5	⑥

$$\frac{24}{30} \quad \begin{matrix} \div 6 \\ \div 6 \end{matrix} \quad \frac{4}{5}$$

* Note, I like the 2,3,5 method A LOT but it does miss some factors, like 7,11,13, etc. 😊