***Steps to convert a decimal to a fraction***

Step 1. **Divide the decimal by 1** toconvert it to a fraction

Step 2. **Multiply the top and bottom by 10 for every number after the decimal point.**

Step 3. **Simplify the fraction;** reduce the fraction to its lowest form.

To simplify we divide both numbers by the greatest common divisor – the biggest number that each can be divided by.

***Converting a decimal to a percentage*** - Times the decimal by 100

For example, 0.5 times 100 is equal to 50 – 50%

***Converting a fraction back into a decimal* -** We use division

For example, 1/2 is equal to 1 divided by 2, which is equal to 0.5