FIND OUT HOW TO CONVERT AND FIND THE VALUE OF .875 AS A FRACTION

Conversions are an important part of the subject mathematics. Not too easy and not too hard, students often try to ignore solving these conversion problems because they don't find it interesting. Well, these problems are actually quite easy to solve and you just need to follow some simple steps to find the final value. So here in this article, you will find out about these steps through an example of converting **[.875 as a fraction](#)**.

So to find out how to convert and get the value of any given decimal number in the form of fraction, there are simple steps which involve a method and calculations. So similarly, we will just follow a few simple steps below to find the value of 0.875 as a fraction to get the final answer. So the steps are as follows-

1. First you have to write 0.875 in the form of a simple fraction ie. 0.875/1.

2. Now, multiply both the numerator and the denominator of this above-mentioned simple fraction by 10 for every number that is present after the decimal point. So as here it's three, so we will write it as- 0.875*1000/1*1000 which will give us 875/1000.

3. After getting this 875/1000, we just need to reduce this obtained fraction by dividing it by its multiples or common factor.

4. And so on dividing and solving, 875/1000 will become 7/8.

Thus on solving, the final value that we get on converting **.875 as a fraction** is 7/8.

And so these are the simple steps which you can just simply understand and apply to any of the questions asked to find out its value. But as you know now how the process of conversion works, it is also very important to know what exactly a Fraction is. So just scroll down to find it out.

What is a Fraction?

Fraction in mathematics is defined as a method to represent a portion of a whole thing or we can say it represents the equal parts of a whole. A fraction basically consists of two parts. These parts are called numerator and denominator. The number that is above in a fraction is called the numerator and the number that is below is called the denominator. The numerator in a fraction defines the number of parts that are taken whereas the denominator defines the total number of parts in a whole.

For instance, we have a fraction of 50/100. So in this, 50 is the numerator and 100 is the denominator. Also 50 is a part of 100 and it is 1/2 part of it. You can also look at the above solved example which was to convert **.875 as a fraction**, and this gave us 7/8.
You can also imagine a medium pizza which is usually divided into 6 pieces. So we can say that each piece of it is the 1/6th part of the whole pizza, and this is the basic concept of fraction that you just read above.

Conclusion

So to conclude, as you know now how you can convert a decimal number into a fraction and what exactly a fraction is through an example of converting **.875 as a fraction**, you must have understood that it is very easy to calculate and find the fraction of any given decimal number by simply following the above mentioned steps and the right method. So just try solving some problems on your own now and you will completely understand it.