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HOW TO CONVERT & FIND THE VALUE OF .375 AS A FRACTION AND WHAT IS FRACTION?

100 Celebrities 🔊 | 3 days ago | 👁 2 views | 💬 0 Comments

If you want to know how to convert and find the value of any given decimal number in fraction, then this article is going to help you find that. As you will scroll down, you will get all the details and information of the methods and the steps to find that.

So now, we will try to understand this process of conversion by considering an example. Let us consider finding the value of **.375 as a fraction**. For this, we will just follow a few simple steps which include the method and the calculation to get the final answer. So the steps are listed below which are as follows:

1. First you need to write .375 in the form of a simple fraction ie. .375/1.

1. Now, you have to multiply both the numerator and denominator of this above written simple fraction by 10 for every number which is present after the decimal point. As here it's three, so it will be written as- .375*1000/1*1000 which will give us 375/1000.

1. After getting this 375/1000, we just need to reduce this obtained fraction by dividing it by its multiples or common factor.

1. And so after dividing and solving, 375/1000 will come out to be 3/8.

And thus on solving, the final value we get on converting **.375 as a fraction** comes out to be 3/8.

Now after we know how to convert and find the value of any given number in fraction, it is also very important to know what exactly is a fraction, what are its types and more details about it. So as you read further, you will find out all this information as well.

What exactly is Fraction?

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

For example- there is a fraction 50/100. In this 50 is the numerator and denominator is 100 as 25 is a part of 100 and it is 1/2 part of it. Another could be the above solved example of converting **.375 as a fraction** which gives us 3/8.

Types of Fraction

Based on the properties and everything, there are in total six types of fractions which are named as:

1. Proper Fractions

2. Improper Fractions

3. Like Fractions

4. Mixed Fractions

5. Equivalent Fractions

6. Unlike Fractions

The first three written fractions are defined for just a single fraction and on the other hand the rest of the three fractions determines the comparison between two or more fractions.

Also in real-life situations, all the qualities that are measured cannot be an absolute whole number so we may have to deal with different parts and portions of a complete whole thing, and this is exactly where the concept of fraction comes into play.

Conclusion

As now you know how you can actually convert a decimal number into a fraction, what exactly a fraction is and what are its different types, we can just conclude with the fact that the final value we get on converting .**375 as a fraction** comes out to be 3/8. There is actually no rocket science in solving these and it is very easy to calculate and find the fraction of any given decimal number by simply following the above mentioned steps which includes applying the right method and doing the correct calculations..

So what are you still waiting for? Go and practise your hands on various problems in which you have to convert a decimal number in fraction and just master it!!

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