7th Grade - Unit 01

What is a Rational Number?

A Rational Number is ANY number that can be written in fraction form.

Rational Numbers include all Natural Numbers, Whole Numbers, Integers, as well as

Fractions, Decimals, and Percents.

For example

* Natural Numbers, Whole Numbers, and Integers can be written in Fraction Form by placing a “1” in the denominator.

 

* Fractions are already in Fraction Form…
* Decimals can be written in Fraction Form by writing the Number in the Numerator, and the Place Value in the Denominator.

For example, 0.6**7** is the same as 67 since the place value of the last digit is in

 100

the 100ths place.

**Practice:** How would you write the following decimals as fractions? Hint: Look at the place value of the last digit in the number.

**.38 .3 .03 .25 1.45**

* Percents: The word Percent comes from “per cent” or “for every hundred” so Percents can easily be written as fractions by placing the number over 100.

For example, 52% can be converted to a fraction by placing 52 in the numerator

 and 100 in the denominator

**Practice:** How would you write the following percents as fractions?

**25% 37% 20% 75%**