

5.1 Fractions, Decimals, and Percents Notes

What is a fraction?

a ratio of two numbers, something out of a whole

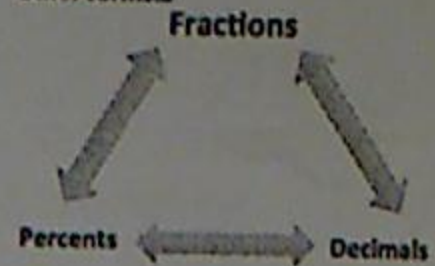
What is a decimal?

a part of a whole

What is a percent?

a part of 100

Fractions can be converted into other forms...



Same Value Different Forms

A same value can be written in different forms. For example:

$\frac{1}{2}$ fraction

.5 decimal

50% percent

So let's Convert!!!

1 Fraction to Decimal

$$\frac{3}{4}$$

Divide numerator by denominator or

$$3 \div 4 = \underline{0.75}$$

2 Decimal to Percent

* Remember percent means per hundred

Multiply the decimal by 100 by moving the decimal 2 places to the right.

So $\frac{3}{4}$, 0.75, 75%

$$0.75 = \underline{75}$$

Let's try it!!! Write the decimal and percent for the fraction.

$\frac{2}{5}$, 0.4, 40%