

# Writing to Learn

## Comparison Essay – Middle School Math

### Fractions and Percents

In math class, we have studied whole numbers and other kinds of numbers. We have learned about fractions and percents. These kinds of expressions are alike in some ways and also different.

Fractions are written with one number over the other. The top number is the numerator and the bottom is the denominator. What this means is that the top number is actually divided by the bottom. This kind of fraction represents a number smaller than 1. An improper fraction is when you have a bigger number on the top than on the bottom and this kind represents a number that is larger than 1.

Percents are a lot like fractions because usually they show that the number is less than a whole. For example if you go shopping and the price of something is \$100 but it is on sale for 15% off, then the price is not the whole price but is \$85. So that's kind of like a fraction. Percents are based on a 100 scale though. 1 out of 100 would be 1% and if something was 120% that would be like the fraction  $120/100$  which is an improper fraction.

These are some ways fractions and percents are alike.