

## Fractions

### How do I change an improper fraction to a mixed number?

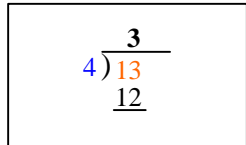
#### Follow these steps:

- 1.) Divide the numerator by the denominator. This will determine the whole number part of the mixed number.
- 2.) Write a fraction using the remainder from the division in Step 1. The denominator will be the same as the original.
- 3.) If necessary, reduce the fraction written in Step 2.

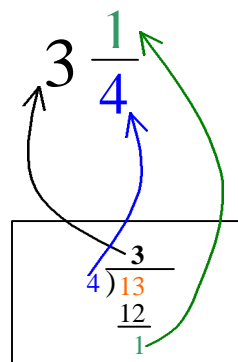
#### Example

Convert the improper fraction  $\frac{13}{4}$  to a mixed number.

Step 1: Divide the numerator by the denominator. This will determine the whole number part of the mixed number.

$$\frac{13}{4}$$

$$4 \overline{)13} \\ \underline{12} \\ 1$$

Step 2: Write a fraction using the remainder from the division in Step 1. The denominator will be the same as the original.


$$3 \frac{1}{4}$$

Step 3: If necessary, reduce the fraction written in Step 2.

$$3 \frac{1}{4}$$

No further reducing needed!