**Date: _____ Notes - Simplifying Fractions**

**Objective: _____**

**<u>Equivalent Fractions Definition</u> –**

_____

_____

**Each fraction model represents one whole. The first model is divided into four equal parts. The orange model is divided into twelve equal part. Shade each model to represent the given fractions.**

$\frac{3}{4}$ 

$\frac{9}{12}$ 



Notice that $\frac{3}{4}$ and $\frac{9}{12}$ describe the same part of a whole. They are called

_____.

A fraction is in _____ form when the numerator and denominator have no common factors other than one. You can use the _____ to write a fraction in simplest form.

In the example above, $\frac{3}{4}$ is in simplest form and $\frac{9}{12}$ is not. You can write $\frac{9}{12}$ in simplest form by dividing both 9 and 12 by ____, the GCF of 9 and 12.