

Date: \_\_\_\_\_ Notes - Simplifying Fractions

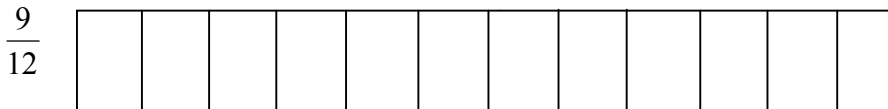
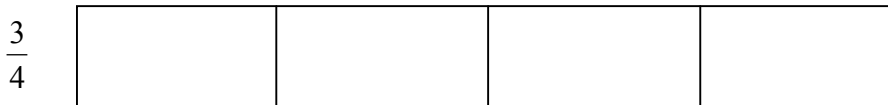
Objective: \_\_\_\_\_

**Equivalent Fractions Definition** –

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**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.**



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.