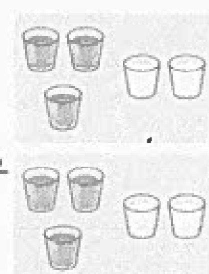
UNIT 2, LESSON 3
RATIO RELATIONSHIPS
DESCRIBING RATIOS

Goal (Essential Question)
What is an equivalent ratio and how can you identify **them in a** real life situation **?**

Equivalent ratios are two ratios that have the same relationship **but** different quantities**.**

Two ratios are equivalent **if you can** multiply **each of the values in the** first **ratio by the** same **number to get the values in the** second **ratio.**

Recipes can help us understand equivalent ratios**. Each recipe calls for a specific ratio of ingredients, but you can** halve**,** double**, or** triple **the ratio to make different amounts of the** same recipe**.**

Original Recipe	**Halved Recipe**	**Doubled Recipe**	**Tripled Recipe**
Boil 3 cups of water for every 2 cups of rice. 	$\cdot\frac{1}{2}$ 	x2 	x3 
3 : 2	$1\frac{1}{2}$: 1	6 : 4	9 : 6

These ratios are equivalent because they all represent the same recipe. You can multiply **or** divide **each of the values in the** first **ratio by the same** number **to get the** values **in each of the other ratios.**