

## **Understanding Fractions and Equivalent Ratios**

	d of fractions and equivalent ratios! This worksheet is designed to help you understand s and how to identify equivalent ratios.
Fractions are used to denominator (the bo	o show part of a whole. They consist of a numerator (the top number) and a ttom number).
Activity 1: Matchir	g Fractions
	g Fractions iractions with their equivalent forms:
1. 1/2 = 2. 2/4 =	

nple, 1/2 and 2/4 are equivalent ratios beca	ause they both represent the same part of a whole.
2: Identifying Equivalent Ratios	
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he equivalent ratios for the following fraction	ns:
! =	
! = ! =	
· <del>-</del>	

Real-World Applications	
Fractions are used in cooking to measure ingredients. For example, a recipe might call for 3/4 cup of suga	ar.
You want to make a recipe that calls for 3/4 cup of sugar, but you only have a 1/4 cup measuring cup. can you measure out the right amount?	How

## Activity 3: Measuring Ingredients

Use the following recipe to practice measuring ingredients:

Ingredient	Measurement
Sugar	3/4 cup
Flour	2 1/4 cups

Simplifying fra	ctions means reducing	them to their simp	lest form.	
For example, 6	/8 can be simplified to	o 3/4.		
Activity 4: Si	nplifying Fractions			
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	nplifying Fractions lowing fractions:			
Simplify the fo	lowing fractions:			 
Simplify the fo. 1. 6/8 = 2. 4/6 =	lowing fractions:			
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Word Problem	าร
Word problems	involve using fractions to solve real-world problems.
	s 5 shelves, and 3/5 of them are filled with books. If the bookshelf is extended to have 10 raction of the shelves will be filled with books?
Activity 5: Wo	rd Problems
Solve the follow	ring word problems:
1. A recipe c	calls for 2/3 cup of flour, but you only have a 1/4 cup measuring cup. How can you measure
1. A recipe c out the rig 2. A group o	
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Differentiated Activity
Choose one of the follow

wing activities based on your learning style:

- Visual Learners: Create a diagram to show the equivalent ratios for 1/2.
   Auditory Learners: Listen to a podcast about fractions and equivalent ratios and take notes.
- 3. Kinesthetic Learners: Create a model using blocks or fraction strips to show the equivalent ratios for 2/3.

[Space for creative work]					

Review					
Review t	he key concepts lea	arned in this work:	sheet:		
• Eq • Sir	actions uivalent ratios mplifying fractions ord problems				

lve the follo	wing challenge proble	ms:			
of the ta 2. A group	ank is filled?	are some candy	equally. If they have	already in the tank, w	

Refle	tion	
Reflec	on what you have learned in this worksheet:	
2.	/hat did you find challenging? /hat did you enjoy learning? ow can you apply what you have learned to real-world situations?	