

Understanding Fraction Basics and Equivalent Ratios

	o represent a part of a whole. It consists of a numerator (the top number) and a ttom number). For example, 1/2 is a fraction where 1 is the numerator and 2 is th	ie
ienominator.		
Equivalent Ratios		
	fractions that have the same value but different forms. For example, 1/2, 2/4, and ctions.	d 3/6
Equivalent ratios are		d 3/6
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	ctions involves reducing them to their simplest form by dividing both the numerator and the y their greatest common divisor (GCD). For example, the fraction 6/8 can be simplified to 3/4.
Comparing F	ractions
Comparing fra	ractions ctions involves determining which fraction is larger or smaller. To compare fractions, first find minator. Then, the fraction with the larger numerator is larger.
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Activity 1: Fraction Match Match the following fractions to their equivalent ratios: 1. 1/2 2. 2/4 3. 3/6 4. 1/4 5. 2/8		ous real-world applications, from cooking and measuring ingredients to science and inding fractions is essential for solving problems that involve proportions and
2. 2/4 3. 3/6 4. 1/4		
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1. 6/8		
2. 4/6 3. 8/10		
activity 3: Compare Fractions	3	
Compare the following freetiens:		
Compare the following fractions:		
1. 1/2 and 2/3		
1. 1/2 and 2/3 2. 3/4 and 2/3		
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1. 1/2 and 2/3 2. 3/4 and 2/3		

Activity 4: Real-World Application	
A recipe calls for 3/4 cup of sugar. If you want to make half the recipe, how much sugar will you need	d?
Conclusion	
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Understanding fraction basics and equivalent ratios is a fundamental concept in mathematics that had numerous practical applications. By mastering these concepts, students will have a solid foundation advanced mathematical topics and will be better equipped to tackle challenges in various fields.	

Answer Key			
Activity 1: Fraction Match			
1. 1/2 = 2/4 = 3/6 2. 1/4 = 2/8			
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Answer Kev Continue	1		

Answer Key Continued	
Activity 2: Simplify Fractions	
1. 6/8 = 3/4 2. 4/6 = 2/3 3. 8/10 = 4/5	

Answer Key Continued	
Activity 3: Compare Fractions	
1. 2/3 is larger than 1/2 2. 3/4 is larger than 2/3 3. 1/2 is larger than 1/4	

Answer Key Continued	
Activity 4: Real-World Application	

To find half of 3/4, multiply 3/4 by 1/2: (3/4)*(1/2) = 3/8. Therefore, you will need 3/8 cup of sugar.