

Introduction to Fractions

Introduction to Basic Fractions and Equivalent Ratios

Welcome to the world of fractions! Fractions are a way of showing part of a	whole. I	n this worksheet,	we wil

Welcome to the world of fractions! Fractions are a way of showing part of a whole. In this worksheet, we will learn about basic fractions and equivalent ratios.

Fractions are used to represent a part of a whole. They consist of a numerator (the top number) and a denominator (the bottom number). For example, 1/2 is a fraction that shows one part out of two equal parts.

What is a Fraction?
Match the following fractions to their equivalent ratios:
1. 1/2 = 2. 1/4 = 3. 3/4 =

Equivalent Ratios	
Equivalent ratios are fractions that have the same value, but with different numbers. For example, 1/2 and are equivalent ratios.	d 2/4
Simplify the following fractions:	
1. 4/8 = 2. 6/12 = 3. 9/18 =	
Real-World Applications	
Fractions are used in real-world applications such as measuring ingredients for a recipe, telling time, and understanding music rhythms.	
Solve the following real-world problems:	
1. A recipe calls for 3/4 cup of flour. If you want to make half the recipe, how much flour will you not 2. A clock shows 3/4 of the hour. What time is it?	ed?

Adding and Subtracting Fractions	
To add or subtract fractions, we need to have the same denominator.	
Add or subtract the following fractions:	
1. 1/4 + 1/4 = 2. 3/4 - 1/4 =	
İ	
Multiplying and Dividing Fractions	
To multiply fractions, we multiply the numerators and denominators. To divide fractions, varieties and multiply.	we invert the second
Multiply or divide the following fractions:	
1. 1/2 x 3/4 = 2. 2/3 ÷ 1/2 =	

Solve the following word probler	ns:
	s, and 3 of them are filled with books. What fraction of the bookshelf is
filled with books? 2. A pizza has 16 slices, and	I 4 of them are eaten. What fraction of the pizza is left?
·	·
Review	
Poviny what you have loorned a	hout fractions and aquivalent ratios
	bout fractions and equivalent ratios.
Review what you have learned a	
Match the following fractions to	
Match the following fractions to 1. 1/2 = 2. 1/4 =	
Match the following fractions to	
Match the following fractions to 1. 1/2 = 2. 1/4 =	
Match the following fractions to 1. 1/2 = 2. 1/4 =	

- 7

Conclusion

Congratulations! You have completed the introduction to basic fractions and equivalent ratios.

Remember to practice and apply what you have learned to real-world problems.