denominators. By a solve real-world pr	rld of fractions! In this guide, we will explore the concept of adding fractions with like he end of this guide, you will be able to confidently add fractions and apply this skill to oblems.
Jnderstanding F	ractions
the bottom number	to show part of a whole. It consists of a numerator (the top number) and a denominator r). The denominator tells us how many parts the whole is divided into, and the numerator of those parts we have.

Adding Fractions with Like Denominators  To add fractions with like denominators, we simply add the numerators (the top numbers) and keep the denominator (the bottom number) the same.
Example 1: 1/4 + 1/4 = ?
To add these fractions, we add the numerators $(1 + 1)$ and keep the denominator $(4)$ the same. 1/4 + 1/4 = 2/4 We can simplify this fraction by dividing both the numerator and the denominator by 2. 2/4 = 1/2
More Examples
Let's try another example:
Example 2: 2/6 + 1/6 = ?

To add these fractions, we add the nDegree ators (2 + 1) and keep the denominator (6) the same.

2/6 + 1/6 = 3/6

We can simplify this fraction by dividing both the numerator and the denominator by 3.

3/6 = 1/2

Real-World Applications
Adding fractions is a useful skill that we use in our everyday lives. For example, if you have 1/4 cup of suga and you need 1/4 cup more, how much sugar do you have in total?
Example:
1/4 + 1/4 = ?
To add these fractions, we add the numerators (1 + 1) and keep the denominator (4) the same.
1/4 + 1/4 = 2/4
We can simplify this fraction by dividing both the numerator and the denominator by 2.  2/4 = 1/2
2/4 = 1/2
Activities
Now it's your turn to practice adding fractions with like denominators! Complete the following activities:
1. Add the following fractions:

- o 1/4 + 1/4 =
- o 2/6 + 1/6 =
- o 3/8 + 2/8 =
- 2. Solve the following word problems:
  - Tom has 1/4 of a pizza and his friend gives him 1/4 more. What fraction of the pizza does Tom have now?
  - A recipe calls for 2/6 cups of sugar. If you want to make half the recipe, how much sugar will you need?
- 3. Create your own word problem involving adding fractions with like denominators.

Assessment
To assess your understanding of adding fractions with like denominators, complete the following quiz:  1. 1/4 + 1/4 = ? 2. 2/6 + 1/6 = ? 3. 3/8 + 2/8 = ?
Answers:  1. 2/4 or 1/2 2. 3/6 or 1/2 3. 5/8
Extension Activity
Create a recipe that involves adding fractions with like denominators. For example, if a recipe calls for 1/4 cup of sugar and you want to make half the recipe, how much sugar will you need?

Conclusion	
In conclusion, adding fractions with like denominators is a fundamental concept in mathematics that is essential for solving real-world problems. By practicing and applying this skill, you will become more confident and proficient in mathematics.	

## Parent Engagement

Parents can support their child's learning by practicing adding fractions with like denominators together. Here are some tips:

- Use real-life examples to make the concept more relatable and interesting.
- Encourage your child to create their own word problems involving adding fractions with like denominators.
- Practice adding fractions with like denominators together using visual aids such as fraction circles or blocks.

	ding fractions with a urage students to w		
Final Thoughts			 
Remember to use	visual aids, incorpo oups to promote co		or students to wo
Remember to use			or students to wo