

Objective

By the end of this lesson, the student will understand the concept of fractions, how to identify and create them, and will be able to compare and add simple fractions with like denominators.

Materials and Prep

- Paper
- Pencil
- Colored pencils or markers (optional)
- A ruler (optional)
- Knowledge of basic division and multiplication

Activities

- **Fraction Art:** Have the student draw a large circle and divide it into different sections to represent various fractions. For example, they can color half of the circle blue, a quarter red, and the remaining section green. This visual representation will help them understand how fractions make up a whole.
- **Fraction Pizza:** Ask the student to imagine they are making a pizza. They can draw a pizza and divide it into slices. Have them label each slice with a fraction (e.g., $\frac{1}{8}$ for one slice of an 8-slice pizza) and then practice adding slices together to find out how much pizza they have.
- **Fraction Comparison Game:** Create a simple game where the student writes down different fractions on pieces of paper, folds them, and places them in a hat. They can draw two fractions at a time and discuss which is larger and why, using visual aids or their pizza drawing if needed.
- **Fraction Story Problems:** Encourage the student to create their own story problems involving fractions. They can write a short story about sharing candy or dividing toys among friends, and then solve the problems they create.

Talking Points

- "What is a fraction? A fraction shows how many parts of a whole we have, like $\frac{1}{2}$ means we have one out of two equal parts!"
- "Can you think of something in real life that uses fractions? Like when we cut a cake or a pizza?"
- "When we add fractions, we need them to have the same bottom number, called the denominator. Can you see how that works with our pizza slices?"
- "How do we compare fractions? We can look at the denominators, or we can draw them out like we did with the circle!"
- "What happens if we have different denominators? We need to find a common denominator to add or compare them!"
- "Why do you think fractions are important? They help us share things fairly!"
- "Can you give me an example of a fraction you see every day? Maybe when you share snacks?"
- "What do you think is easier, adding fractions or comparing them? Why?"

- "How do you feel about fractions now? Do you think they are fun or tricky?"
- "Remember, fractions are everywhere! Keep an eye out for them in your daily life!"