

Hey Bailey! Let's talk about **improper fractions**. An improper fraction is a type of fraction where the **numerator** (the top number) is larger than the **denominator** (the bottom number). This might sound a bit confusing at first, but let's break it down step by step.

1. **Understanding Fractions:** A fraction represents a part of a whole. For example, if you have a pizza divided into 4 slices and you eat 3 slices, you can say you've eaten **3/4** of the pizza.

2. **Improper Fractions Explained:** In an improper fraction, the numerator is greater than or equal to the denominator. For example, **5/4** is an improper fraction because 5 is greater than 4.

3. **Examples:** Here are some examples of improper fractions:

- **7/5** (7 is greater than 5)
- **9/4** (9 is greater than 4)
- **6/6** (6 is equal to 6)

4. **Converting Improper Fractions:** Sometimes it's helpful to convert an improper fraction to a mixed number, which is a whole number plus a proper fraction. For example, **5/4** can be converted like this:

- First, divide the numerator (5) by the denominator (4). This goes 1 time, which means you have 1 whole.

- Then, take the remainder. If you subtract 4 from 5, you're left with 1.

- So **5/4** can be written as **1 1/4** (1 whole and 1/4 of another whole).

In summary, improper fractions are just fractions where the top number is more than or equal to the bottom number. And we can always convert them to mixed numbers if it makes it easier to understand. Hope that helps!