Introduction to Fractions	
Read the introduction to fractions and answer the following questions:	
1. What is a fraction?	
Identify the numerator and denominator in the fraction 3/4: Numerator:	
Denominator:	

implify the follo	wing fractions:				
1. Simplify th	e fraction 6/8: _				
2. Simplify th	e fraction 4/6: _				
3. What is the	e greatest comr	mon divisor (0	GCD) of 12 and	18?	
				_	

Adding and Subtracting	Fractions	 	
Add and subtract the follow	ving fractions:		
 Add the fractions 1/4 Subtract the fraction Add the fractions 2/6 	s 3/4 and 1/4:		

lve	the following real-world problems:	
	A recipe requires 3/4 cup of sugar. If you want to make half the recipe, how much sugar will need?	you
	A bookshelf has 5 shelves, and each shelf can hold 3/4 of a meter of books. If the bookshel currently empty, how many meters of books can be placed on it in total?	f is
	A water tank can hold 240 liters of water. If 3/4 of the tank is already filled, how many more water can be added?	liters c

olve the followi	ng word problems:
1. Tom has 1 of the pizz	'4 of a pizza left over from last night. If he eats 1/8 of the remaining pizza, what fraction a is left?
2. A bakery s	ells 250 loaves of bread per day. If 3/5 of the loaves are sold in the morning, how many sold in the afternoon?
• .	friends want to share some candy equally. If they have 48 pieces of candy and there are wanny pieces of candy will each friend get?

Conclusion
Reflect on what you have learned about fractions and answer the following questions:
1. What was the most challenging part of learning about fractions for you?
2. How do you think you can apply what you have learned about fractions in real-life situations?
3. What questions do you still have about fractions?

Answer Key

Check your answers with the answer key:

Section 1:

- 1. A fraction is a way of representing part-whole relationships.
- 2. Numerator: 3, Denominator: 4
- 3. A proper fraction has a numerator less than the denominator, while an improper fraction has a numerator greater than or equal to the denominator.

Section 2:

- 1.3/4
- 2. 2/3
- 3. 6

Section 3:

- 1. 2/4
- 2. 2/4
- 3.3/6

Section 4:

- 1. 3/8 cup
- 2. 3.75 meters
- 3. 60 liters

Section 5:

- 1.1/8
- 2. 150 loaves
- 3. 6 pieces