	o this worksheet on adding and subtracting fractions with unlike denominators! This activity is or 12-year-old students to practice and apply their knowledge of fractions in a fun and engaging
Section 1	: Understanding Equivalent Fractions (15 minutes)
Equivalent and 2/4 are	fractions are fractions that have the same value, but with different denominators. For example, 1/2 e equivalent fractions.
1. What	t is the equivalent fraction of 3/6?
0	ch of the following fractions are equivalent to 2/3?  a) 4/6 b) 6/9 c) 8/12 d) All of the above

Section 2: Adding Fractions with Unlike Denominators (20 minutes)
To add fractions with unlike denominators, we need to find the least common multiple (LCM) of the denominators.
1. What is the sum of 1/4 and 1/6?
2. A recipe calls for 3/4 cup of flour and 1/6 cup of sugar. What is the total amount of ingredients needed?  Output  Description:
Visual Aid Activity (15 minutes)
Group Task:  Use visual aids such as diagrams or charts to represent the addition of fractions with unlike denominators.
[Space for visual aid]

To subtract fractions with unlike denominators, we need to find the LCM of the denominators.  1. What is the difference of 2/3 and 1/4?  2. A bookshelf has 5 shelves, and each shelf can hold 3/4 of a box of books. If 1/4 of a box of already on the shelf, how much more can be added?  Technology Integration (15 minutes)  Group Task:  Use online tools or software to practice subtracting fractions with unlike denominators.  [Space for technology integration]	
already on the shelf, how much more can be added?  Technology Integration (15 minutes)  Group Task:  Use online tools or software to practice subtracting fractions with unlike denominators.	
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[Space for technology integration]	

Fractions are used in many real-world applications, such as co pizza.  1. A pizza has 12 slices, and 1/4 of it has been eaten. If 1 fraction of the pizza is left?	oking, measuring ingredients, and dividing a
	/6 of the remaining pizza is eaten, what
2. A recipe calls for 2/3 cup of sugar. If you only have a 1, you need to fill it to get 2/3 cup?	/4 cup measuring cup, how many times will
oifferentiated Activity (15 minutes)	
Group Task:	
Provide differentiated activities for mixed-ability groups, s	uch as:
<ul> <li>For struggling students: Simplify the fractions and p</li> <li>For advanced students: Increase the complexity of t challenges</li> </ul>	
[Space for differentiated activity]	

Page of 7

Section	n 5: Word Problems (20 minutes)
Word pr	oblems are a great way to apply fraction concepts to real-world scenarios.
	om has 1/2 of a bag of candy, and his friend has 1/4 of a bag. If they combine their candy, what action of a bag do they have in total?
	group of friends want to share some candy equally. If they have 3/4 of a bag of candy and there e 5 friends, how much candy will each friend get?
Conclu	ision (10 minutes)
Indivi	dual Reflection:
1.	What was the most challenging part of this activity for you?
2.	What did you learn about adding and subtracting fractions with unlike denominators?

# Answer Key

### Section 1:

- 1. 1/2
- 2. d) All of the above

## Section 2:

- 1. 5/12
- 2. 1 1/12 cups

### Section 3:

- 1. 5/12
- 2. 2 1/4 boxes

#### Section 4:

- 1.7/12
- 2.3 times

### Section 5:

- 1.3/4
- 2. 3/20 of a bag