

Fraction Comparison Worksheet

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Part 1: Building a Foundation	
What is the numerator in the fraction 3/4?	
Hint: Identify the top number in the fraction.	
○ A) 3	
○ B) 4	
○ C) 7	
OD) 1	
Which of the following are components of a fraction?	
Hint: Select all that apply.	
☐ A) Numerator	
☐ B) Denominator	
C) Quotient	
D) Dividend	
Explain the process of simplifying the fraction 8/12.	
Hint: Consider the greatest common divisor.	

Provide two equivalent fractions for 1/2.



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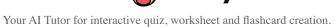
Hint: Multiply the numerator and denominator by the same number.
1. First equivalent fraction
2. Second equivalent fraction
Part 2: Comprehension and Application
Which fraction is larger: 2/3 or 3/4?
Hint: Compare the two fractions.
○ A) 2/3
○ B) 3/4
○ C) They are equal
O) Cannot be determined
To compare 1/4 and 3/8, which common denominator could you use?
Hint: Look for a number that both denominators can divide into.
□ A) 4
□ B) 8
□ C) 12
□ D) 16
Describe how you would place the fractions 1/3 and 2/5 on a number line.
Hint: Consider the values of the fractions.



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If a recipe calls for 3/4 cup of sugar and you only have a 1/2 cup measuring cup, how many times do you need to fill it?	
Hint: Think about how many halves fit into three-quarters.	
○ A) 1	
O B) 1.5	
○ C) 2 ○ D) 2.5	
○ D) 2.5	
You have a rope that is 12/16 meters long. Which of the following is the simplified length of the rope?	
Hint: Simplify the fraction to its lowest terms.	
A) 3/4 meters	
B) 6/8 meters	
C) 1/2 meters	
D) 2/3 meters	
Part 3: Analysis, Evaluation, and Creation	
Which of the following fractions is not equivalent to 4/6?	
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Analyze the fractions 7/9 and 8/10 by converting them to a common denominator and determine which is larger.	
Hint: Find a common denominator and compare the fractions.	
Which strategy is most efficient for comparing the fractions 5/6 and 7/8?	
Hint: Consider the methods available for comparison.	
A) Finding a common denominator	
B) Cross-multiplication O) O greating to decimals.	
C) Converting to decimalsD) Using a number line	
(b) comg a nambor into	
Create a fraction that is equivalent to 3/5 and has a denominator of 20.	
Hint: Multiply the numerator and denominator by the same number.	
☐ A) 12/20	
B) 15/20	
□ C) 9/20 □ D) 10/20	
□ D) 10/20	
Evaluate the following scenario: You have two pieces of fabric, one measuring 5/8 meters and the other 3/4 meters. Which piece is longer, and by how much?	
Hint: Compare the two fractions to determine the longer piece.	