Instructions

To find the common denominator of two or more fractions, follow the steps outlined below. You may use the space provided to write your answers or notes.

Step 1: Identify the denominators

Write down the denominators of the fractions you want to find a common denominator for.
Denominator 1:

Denominator 2:

Denominator 3 (if needed):

Step 2: Find the Least Common Multiple (LCM)

Use the denominators to find the least common multiple (LCM). Show your work below.

Step 3: Confirm the common denominator

Write the LCM identified in step 2 as your common denominator.
Your common denominator:

Practice Problems

Find the common denominator for the following pairs of fractions. Show your work and write down the common denominator you find.

1. 1/4 and 1/6

LCM:

Common Denominator:

2. 2/3 and 5/12

LCM:

Common Denominator:

3. 3/5 and 2/7

LCM:

Common Denominator:

Reflection

Why is it important to find a common denominator when adding or subtracting fractions?