Practice Worksheet

Least Common Denominator (LCD)
Find the least common multiple for the following numbers

	Least Common Multiple
2 and 3	
3 and 4	
2, 3 and 5	
3 and 12	
6 and 8	
8 and 12	
3, 4, and 5	

Build Equivalent Fractions with the LCD
First determine the least common denominator (LCD) for the below fractions.

Then build up the fractions so that they have this LCD.

Fractions	Least Common Denominator (LCD)	Equivalent Fractions with the LCD
1/3 and 1/2		
2/3 and 3/4		
1/5 and 2/7		
2/5 and 1/6		
2/3 and 2/5		
3/7 and 2/9		
½, 1/3 and 1/4		

Adding and Subtracting Fractions with a Common Denominator
Add or subtract the following fractions

Add or Subtract	Sum or Difference
¼ + 3/4	
1/5 + 3/5	
2/7 + 4/7	
3/8 + 4/8	
5/9 – 3/9	
5/10 – 3/10	
5/15 – 3/15	

Simplifying Fractions
Simplify the following fractions

Fraction	Simplified Fraction
3/6	
6/8	
16/24	
12/48	
18/30	

Adding and Subtracting Fractions with unlike Denominators
Add or subtract the following fractions. First determine the LCD. Then determine the equivalent fractions using this LCD. Finally fill in the sum or difference in reduced form. Remember to reduce the final result if it is possible.

Add or Subtract	LCD	Equivalent Fractions with the LCD	Sum or Difference
½ + 1/3			
1/3 + ¼			
2/3 - 1/5			
2/5 + 1/6			
1/3 - 1/7			
2/3 - 1/6			
2/3 - 1/9			