Rules of Adding and Subtracting Fractions

1. Find a lowest common denominator (what number is divisible by both?)
2. If you change the bottoms, do the same thing to the tops
3. Add/Subtract the numerators, keep the denominator the same
4. Answer in lowest terms (improper fraction)

**Practice:** Please move between mixed and improper fractions:

   

1.  b) 

c)  d) 

e)  f) 

**Mixed Improper**

1. multiply the denominator by the whole number

2. add the numerator to that answer.

3. the denominator just stays the same.

***Example:***  

**Improper Mixed**

1. divide the numerator by the denominator.

2. The quotient becomes the whole number.

3. take the remainder and use  that as the numerator.

4. Keep the same denominator.

**Example:**  