**Name: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Date: \_\_\_\_\_\_\_\_\_\_\_\_**

**ANSWER KEY**

**Worksheet 12**

**Answer the following questions. Show all work.**

1. What type of fraction is ?

A

1. Improper
2. Proper
3. Mixed Number

1

2. Convert to a mixed number.

3. Convert the mixed number to an improper fraction.

4. Determine if are equivalent fractions.

5 ˖ 12 ≠ 3 ˖ 25

60 ≠ 75

NO

5. Determine the inequality for each pair of fractions using

a) b)

18 65

57 35

6. Write each fraction in simplest form using either method for reducing fractions.

a) b)

**Without using a calculator, add or subtract the following fractions. Reduce, if necessary and show work.**

**Addition:**

7.  8.  9.  10. 

3

11.  12.  13.  14. 

15.  16.  17.  18. 

19.  20. 

**Without using a calculator, add or subtract the following fractions. Reduce if necessary and show work.**

**Subtraction:**

21.  22.  23.  24. 

25.  26.  27. 

**Subtract the following fractions using the Butterfly Method.**

**Show work.**

7

155

28.

21