ADDING AND SUBTRACTING FRACTIONS 2

Name: _____ Class: _____ Due Date: _____

Family Member Signature: _____

Objective:

To practice adding and subtracting fractions using halves, quarters and eighths.

Necessary Information:

Fractions can only be added or subtracted when the pieces are the same size. If the denominator is not the same, we can find equivalent fractions with a common denominator before completing the operation.

Practice Section:

1. Determine the following.

a) $3 - \frac{1}{2}$

b) $\frac{7}{16} + \frac{5}{16}$

c) $2\frac{1}{2} + 6\frac{1}{2}$

d) $1\frac{2}{8} - \frac{1}{2}$

e) $4 - \_\_\_\_\_ = 1\frac{1}{4}$

f) $3\frac{3}{4} + 8\frac{1}{2}$

g) $\frac{7}{4} + \frac{1}{2}$

h) $1\frac{5}{8} - \_\_\_\_\_ = \frac{7}{8}$

i) $\frac{31}{8} - \frac{3}{4}$

j) $\frac{3}{4} + \frac{5}{8}$

k) $1\frac{1}{4} + 7\frac{7}{8}$

l) $\frac{7}{8} + 1\frac{1}{2} - \frac{3}{4}$

2. On Monday, Mike ran for $\frac{1}{4}$ of an hour in the morning and then half an hour more in the afternoon.

a) What fraction of an hour did Mike run on Monday? _____

b) How much time is this? _____

c) How much longer does Mike need to run to total one hour? _____

In <u>Your</u> Real World:

With a family member, discuss the following math statement:

$$\frac{1}{2} + \frac{1}{2} = \frac{2}{4}$$

Does this make sense? Why or why not? Jot down your thoughts.