Create your own Fraction Kit

1)      We will use the fraction kit this year to help us compare, add, and subtract fractions.

2)      Label the white paper “1” = 1 whole

3)      Now fold the pink paper in half

a.       Ask students to label each half as “1/2”

4)      Now take the light blue piece of paper and fold it in half. What is ½ of ½?

a.       Fold the paper in half again to illustrate that it is in fact ¼.

b.       Students should label each fourth as “1/4”

5)      Now take the green paper and make fourths again.  What is half of ¼?

a.       Once kids suggest that it will be 1/8 fold the fourths in half to illustrate that is in fact 1/8.

b.       Students should label each eight as “1/8”

6)      Now take another color paper, fold it in eights and ask: What is half of 1/8?

a. Once kids suggest it will be 1/16 fold the eighths in half to show them

b. Students should label each sixteenth as “1/16”

7) Now take another color paper, and fold it into thirds.

 a. Label each third as “1/3”

8) Now take another color paper, fold it into thirds and ask, “What is half of 1/3?”

 a. Once students suggest it will be 1/6, fold the thirds in half to show them

 b. Label each sixth as “1/6”

9) Now take another color paper, fold it in thirds and ask, “ What would ¼ of 1/3 make?”

 a. You can think of it as each third is broken into four equal parts.

 b. Fold the thirds in half and then in half again to show this.

 c. Students label each twelfth as “1/12”

10)      Use a new color paper and fold it in fourths.

a.       What would 1/3 of 1/4 make?  You can also think of it as each ¼ is broken into 3 equal parts.  What would that make?

b. Fold the fourths into thirds.

c. Students label each twelfth as 1/12