Name: _____ Period: _____ Date:_____

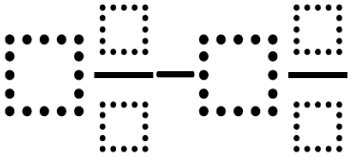
4.NF.2 : DOK 2

Using the whole numbers 1 through 9 at most one time each, create the largest fraction possible that is less than $\frac{1}{2}$ and has a single digit in both the numerator and denominator.

2 points

5.NF.1 : DOK 3

Make the smallest difference by filling in the boxes using the whole numbers 1-9 no more than one time each.



6 points

5.NF.1 : DOK 1

Find the sum:

$$3\frac{1}{7} + 2\frac{5}{12}$$

1 point

5.NF.1 : DOK 2

Solve two of the problems below:

- Find two fractions whose sum is 1/20.
- Find two fractions whose difference is 1/20.
- Find two fractions whose product is 1/20.
- Find two fractions whose quotient is 1/20.

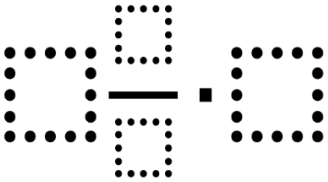
2 points

Instructions

You must earn **at least 8 points** by doing the problems of your choice. Use an Open Middle Worksheet to complete each problem. You may work by yourself or in pairs but each person needs to turn in separate work. Circle the questions you have answered.

4.NF.4b : DOK 3

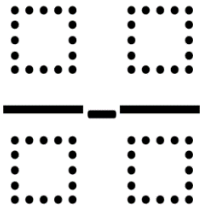
Make the largest product by filling in the boxes using the whole numbers 1-9 no more than one time each.



3 points

4.NF.3a : DOK 3

Make the smallest (or largest) difference by filling in the boxes using the whole numbers 1-9 no more than one time each.



3 points

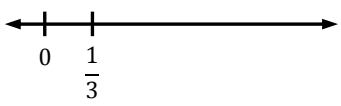
5.NF.2 : DOK 1

A recipe requires $\frac{2}{5}$ cups of flour, $\frac{1}{2}$ cups of sugar, and $\frac{1}{4}$ cups of water. How many total cups of ingredients are needed?

1 point

3.NF.2 : DOK 2

Label the point where $\frac{3}{4}$ belongs on the number line. Be as precise as possible. How do you know the location you chose is correct?



2 points

Student's Expected Score _____ Student's Actual Score _____