ONEWORLD

MONTESSORI HOUSE

3rd Quarterly Assessment

Mathematics 3

March 29-31, 2022

Name: _____ Date: _____

Common Multiples of numbers

I. List the multiples of each number and find their common multiple.

Multiples of 5:	5						
Multiples of 8:	8						

The **common multiple** of 5 and 8 are _____ .

Multiplication and Division Word Problem

II. Read each problem and choose the solution that solves the problem.

1. Olivia took along four friends to a local farm to pick apples. They picked 40 apples in all. How many apples will each one get, if they decided to share them equally?

   a. 40 ÷ 4 = 10 apples each b. 40 x 5 = 200 apples each c. 40 ÷ 5 = 8 apples each

2. Grade 3 students were divided into seven teams for a game. If the class comprises 49 students, who many students can be found in each team?

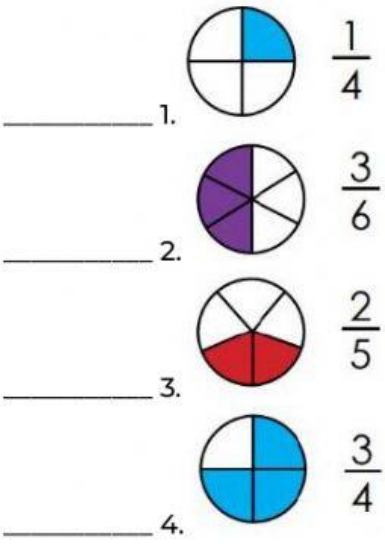
   a. 49 x 7 = 343 students b. 49 ÷ 7 = 7 students c. 49 ÷ 3 = 16.33 students

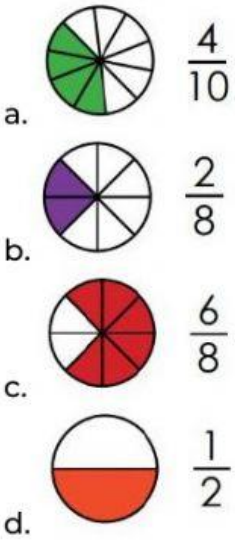
3. There are 4 ferries docking on the pier. Each ferry is carrying 120 passengers. How many passengers are there altogether?

   a. 4 x 120 = 480 passengers b. 120 ÷ 4 = 30 passengers c. 4 + 120 = 124 passengers

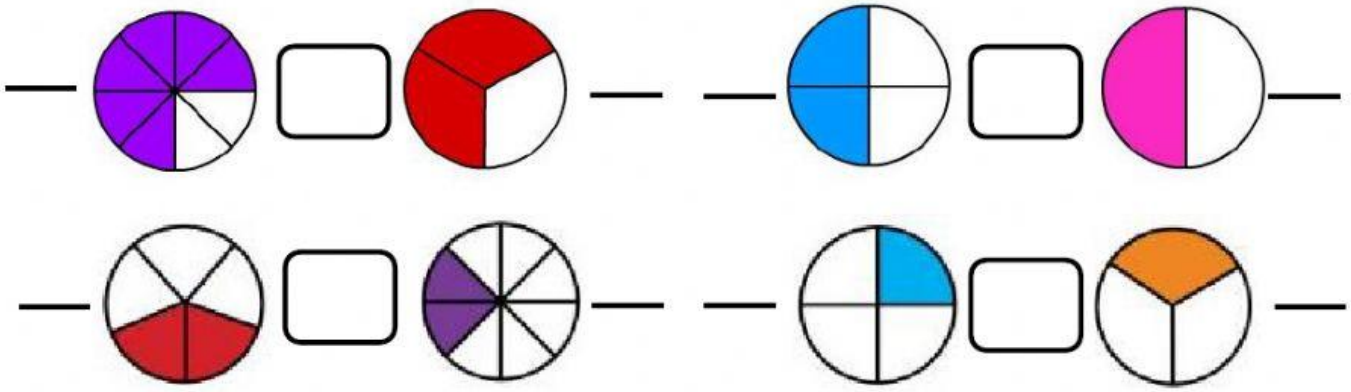
Fractions

III. Match the fractions on the left with the equivalent fractions on the right. Type the letter of your answer.





IV. Name the following fractions and compare them using < , >, =.



V. Arrange the following fractions by using drag and drop

*(a) Arrange in **ascending order**.*

1. $\frac{5}{9}, \frac{3}{9}, \frac{8}{9}, \frac{12}{9}, \frac{2}{9}$

_____ _____ _____ _____ _____

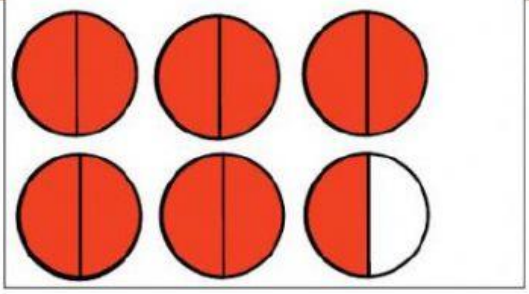
*(b) Arrange in **descending order.***

2. $\frac{5}{7}, \frac{8}{7}, \frac{2}{7}, \frac{11}{7}, \frac{6}{7}$

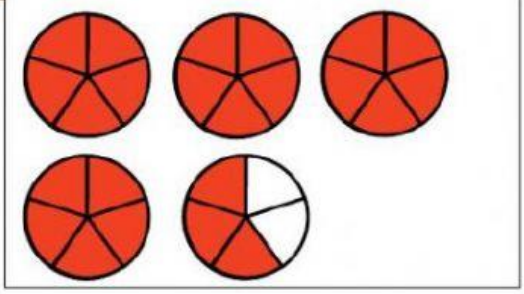
_____ _____ _____ _____ _____

VII. Fill in the missing numbers to complete the mixed numbers.

1) $\frac{11}{2} = \square\frac{\square}{2}$



2) $\frac{23}{5} = \square\frac{\square}{5}$

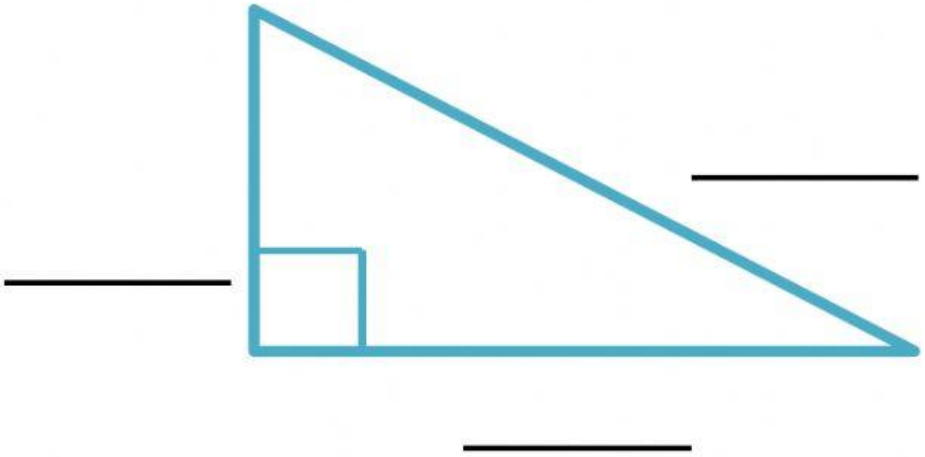


VIII. Add or subtract the following similar fractions.
Identify if the sum or difference is a proper fraction or improper fraction.

Problem	Sum/Difference	Proper or Improper
$\frac{3}{8} + \frac{7}{8} =$	———	
$\frac{12}{7} - \frac{4}{7} =$	———	
$\frac{11}{12} - \frac{3}{12} =$	———	
$\frac{1}{5} + \frac{2}{5} =$	———	

Parts of a Right-Angled Triangle

IX. Label the parts of a right-angled triangle. Use drag and drop.



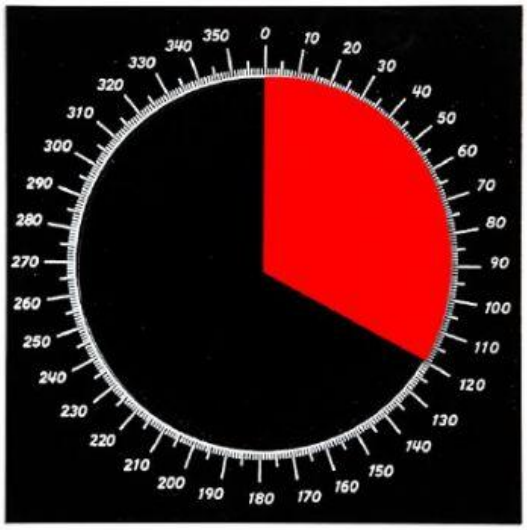
minor leg

major leg

hypotenuse

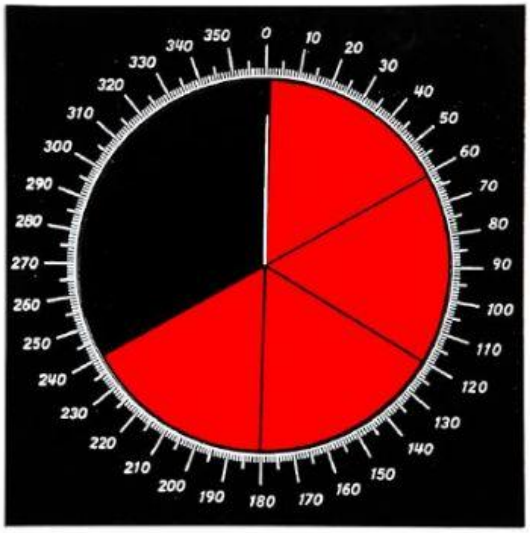
Angles

X. Use the Montessori protractor to measure the angle and identify its type.



Measure of the angle: _____

Type of angle: _____



Measure of the angle: _____

Type of angle: _____

2-digit Multiplication

Solve the problem using the LBF Paper.

2, 435

x 25

Division

Answer the following division problems using the either the Golden Beads or the Stamp Game.

$3\overline{)2,267}$ R.

$4\overline{)5,703}$ R.