



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. $40 \div 4 = 10$ apples each b. $40 \times 5 = 200$ apples each c. $40 \div 5 = 8$ apples each

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

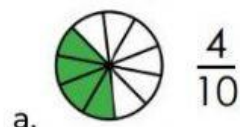
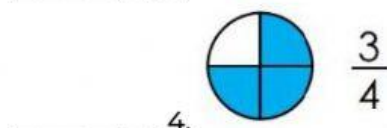
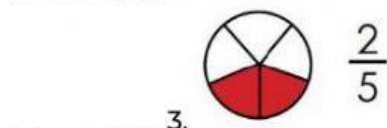
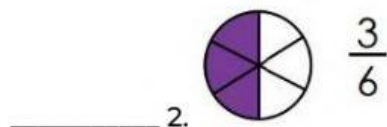
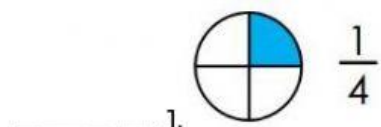
a. $49 \times 7 = 343$ students b. $49 \div 7 = 7$ students c. $49 \div 3 = 16.33$ students

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

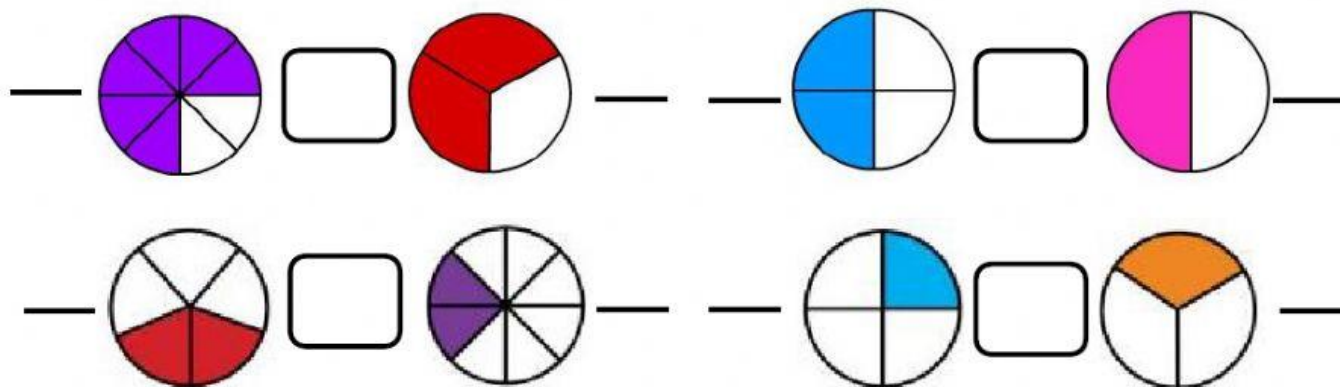
a. $4 \times 120 = 480$ passengers b. $120 \div 4 = 30$ passengers c. $4 + 120 = 124$ passengers

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) $\frac{11}{2} = \frac{\boxed{}}{\boxed{}}$

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

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.

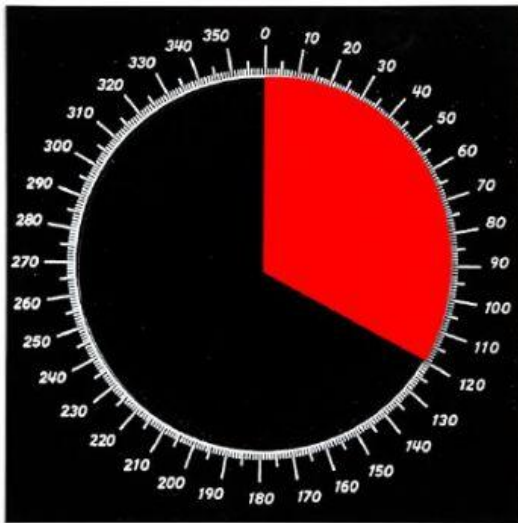
minor leg

major leg

hypotenuse

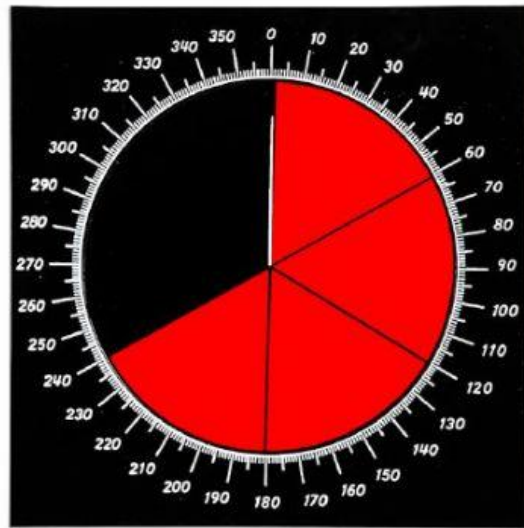
Angles

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



Measure of the angle: _____

Type of angle: _____



Measure of the angle: _____

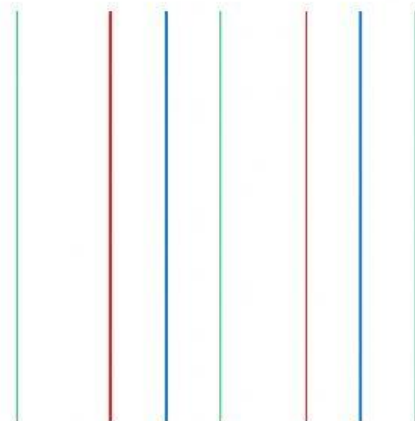
Type of angle: _____

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.