ONEWORLD
MONTESSORI HOUSE
4th Quarterly Assessment

Mathematics 2

May 24-27, 2022

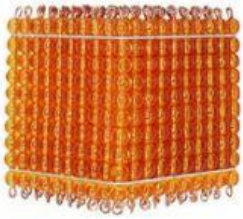
Name: _____ Date: _____

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

Multiples of 3:	3						
Multiples of 4:	4						

The **common multiples** of 3 and 4 are _____ .

II. Give the value of the following squares and cubes.

	$2x2 = 2^2 =$ _____		$4x4 = 4^2 =$ _____
	$7x7 = 7^2 =$ _____		$8x8 = 8^2 =$ _____
	$3^2x3 = 3x3x3 = 3^3 =$ _____		$5^2x5 = 5x5x5 =$ $5^3 =$ _____
	$10^2x10 = 10x10x10 =$ $10^3 =$ _____		$6^2x6 = 6x6x6 =$ $6^3 =$ _____

III. Read each word problem and decide which solution will solve the problem.

1. 3 girls share 24 toys equally. How many toys each girl get?

   a. 24 x 3 = 72 toys each

   b. 24 ÷ 3 = 8 toys each

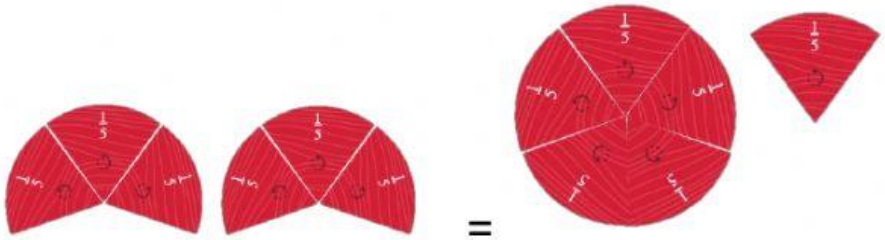
2. A slice of blueberry cheesecake costs 120 pesos. How much will three slices of such cake cost?

   a. 120 x 3 = 360 pesos in all b. 120 ÷ 3 = 40 pesos in all

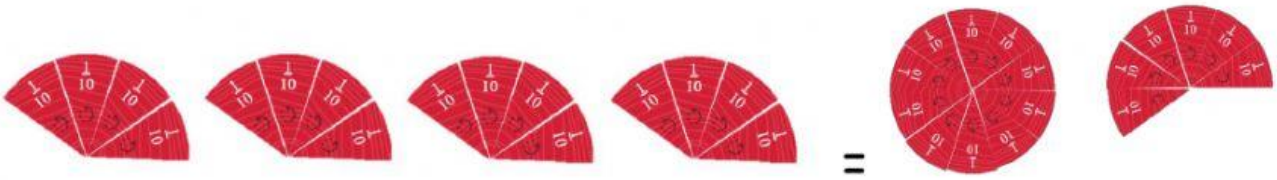
3. Debby has 15 fish. She puts 3 fish in each fish tank. How many fish tanks does she need?

   a. 15 x 3 = 45 fish tanks b. 15 ÷ 3 = 5 fish tanks

IV. Multiply the following fractions. Convert the improper to fractions to mixed numbers.



$$\frac{3}{5} x\ 2 = \frac{\quad}{\quad} = \frac{\quad}{\quad}$$



$$\frac{4}{10} x\ 4 = \frac{\quad}{\quad} = \frac{\quad}{\quad}$$

V. Divide the following fractions. Find the equivalent fraction if necessary to solve the problem.

= ?

a. $\frac{6}{10} \div 3 = \frac{\quad}{\quad}$ b. $\frac{1}{2} \div 4 = \frac{\quad}{\quad}$ $\frac{\quad}{8} \div 4 = \frac{\quad}{\quad}$

VI. Identify the geometric solids described and shown below. Choose your answer from the choices below.

_____ 1. It is solid shaped like ice-cream cone.

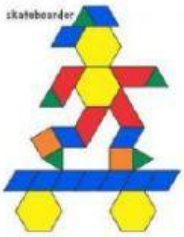
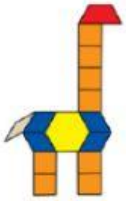
_____ 2. It is a solid with a square base and four triangular sides. The four sides meet to form a point.

_____ 3. It is a solid with six square sides.

_____ 4. It is solid shaped like a soup can.

		
5.	6.	7.

VII. Draw an imaginary line of symmetry to identify if the shape is symmetrical or asymmetrical. Click your answer from the choices below.

VIII. Identify if the figures are congruent or similar. Type your answer on the space below.