ONEWORLD
MONTESSORI HOUSE
4th Quarterly Assessment

Mathematics 2

May 24-27, 2022

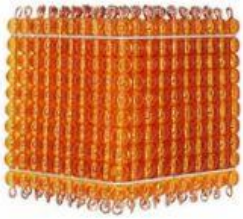
Name: _____ Date: _____

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

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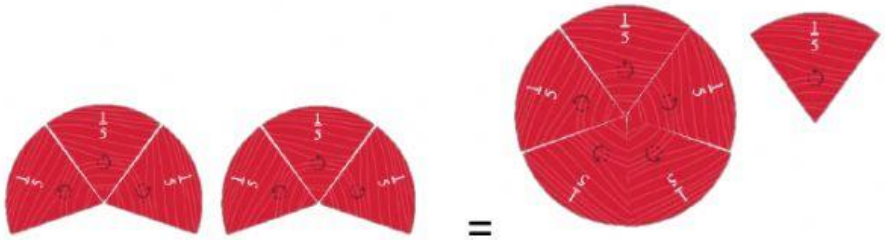
2. A slice of blueberry cheesecake costs 120 pesos. How much will three slices of such cake cost?

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

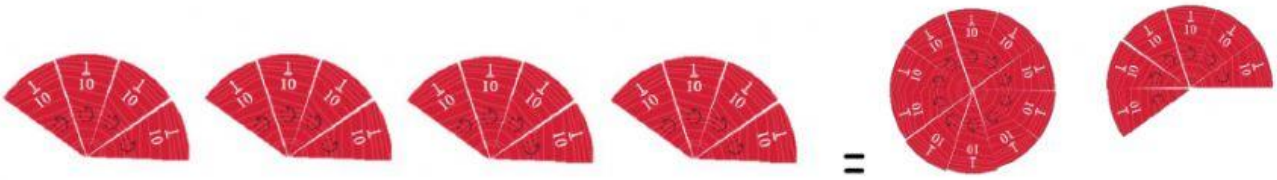
3. Debby has 15 fish. She puts 3 fish in each fish tank. How many fish tanks does she need?

   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. $\frac{1}{2} \div 4 = \frac{\quad}{\quad}$ $\frac{\quad}{8} \div 4 = \frac{\quad}{\quad}$

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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.

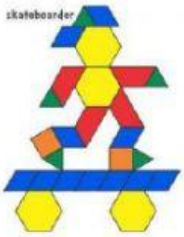
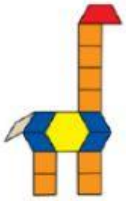
_____ 2. It is a solid with a square base and four triangular sides. The four sides meet to form a point.

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

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

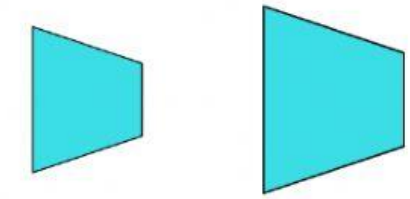
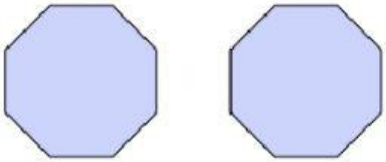
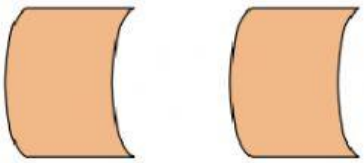
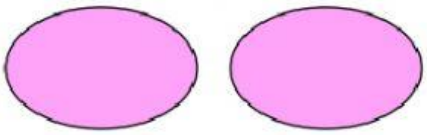
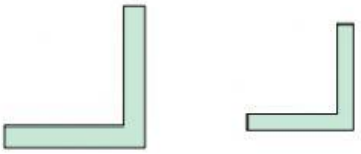
		
5.	6.	7.

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

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

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