ONEWORLD

MONTESSORI HOUSE

3rd Quarterly Assessment

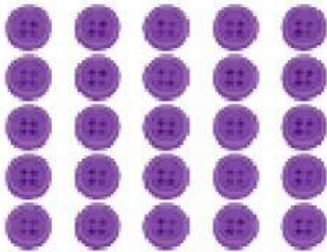Mathematics 2
March 29-31, 2022

Name: _____ Date: _____

Multiplication

I. Solve each problem using repeated addition and arrays.
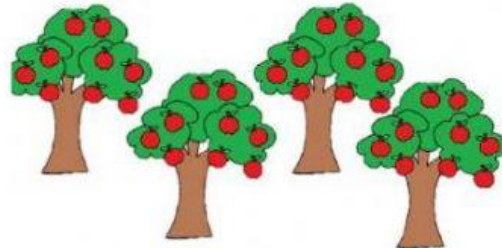
Addition: [   ] = [   ]

Multiplication: [   ] x [   ] = [   ]

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Multiplication: [   ] x [   ] = [   ]

Multiples of a number

II A. List the first 5 multiples of the numbers below.

(a) Multiples of 4 ☐ ☐ ☐ ☐ ☐

(b) Multiples of 2 ☐ ☐ ☐ ☐ ☐

(c) Multiples of 5 ☐ ☐ ☐ ☐ ☐

B. Identify the multiples according its order.

(a) The third multiple of 3 _____

(b) The seventh multiple of 2 _____

(c) The second multiple of 4 _____

(d) The fifth multiple of 5 _____

(e) The second multiple of 6 _____

Word Problem

III. Read each word problem and choose the correct solution for the problem.

1. Billy baked 48 cookies for two days. On the first day he baked 23 cookies. How many cookies did he bake on the second day?

a. $48 \times 23 = 1,104$ b. $48 - 23 = 25$ c. $48 + 23 = 71$

2. Kate has 12 green jelly beans, 5 blue jelly beans and 11 red jelly beans. How many jelly beads does she have?

a. $12 + 5 + 11 = 28$ b. $12 - 5 = 7$ c. $12 \times 11 = 132$

3. In Math class, students are doing a group activity. There are 5 groups of 4 students. How many students are there in all?
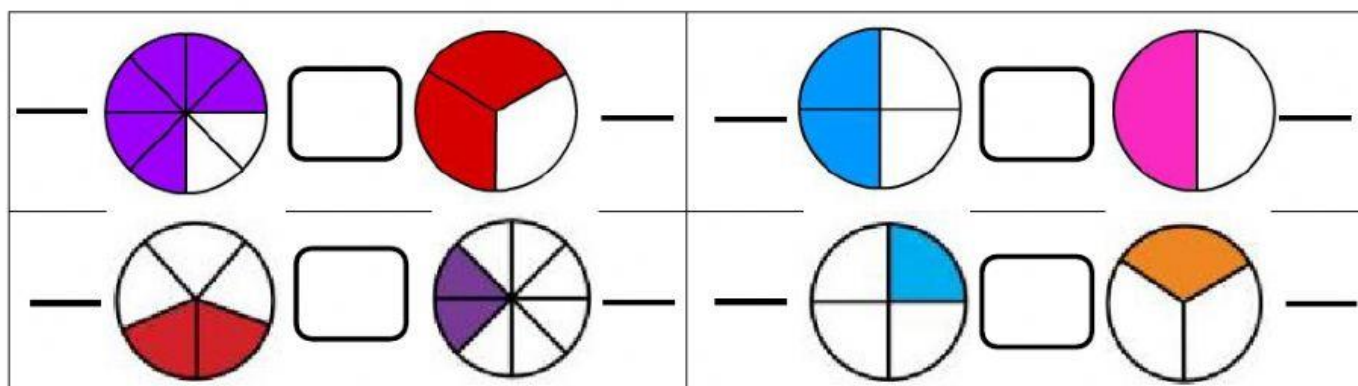
a. $5 + 4 = 9$ b. $5 \times 4 = 20$ c. $5 - 4 = 1$

Fractions

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

V. Arrange the following fractions by using drag and drop

*(a) Arrange from **least to greatest**.*

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

*(b) Arrange from **greatest to least**.*

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

___ ___ ___ ___ ___   ___ ___ ___ ___ ___

VI. Read each questions and tick the box of your chosen answer.

1. Which of the following is a proper fraction?

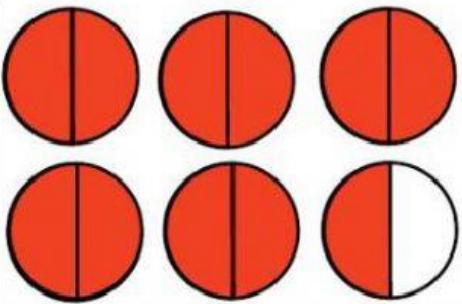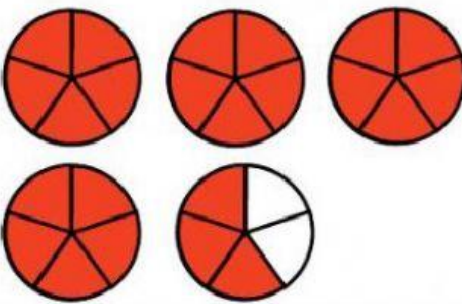(a) $\dfrac{10}{9}$ (b) $\dfrac{3}{9}$ (c) $8\dfrac{4}{6}$ (d) $1\dfrac{1}{2}$

2. Which of the following is a mixed number?

(a) $23\dfrac{1}{3}$ (b) $\dfrac{12}{5}$ (c) 100 (d) $\dfrac{8}{10}$

3. Which of the following is an improper fraction?

(a) $\dfrac{20}{3}$ (b) $\dfrac{2}{4}$ (c) $1\dfrac{41}{50}$ (d) 718

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

1) $\dfrac{11}{2} = \boxed{}\dfrac{\boxed{}}{2}$

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

VIII.   Add or subtract the following similar fractions.

(a) $\dfrac{1}{5} + \dfrac{3}{5} = \underline{}$

(b) $\dfrac{5}{7} - \dfrac{1}{7} = \underline{}$

(c) $\dfrac{4}{13} + \dfrac{7}{13} = \underline{}$

(d) $\dfrac{9}{12} - \dfrac{3}{12} = \underline{}$

(e) $\dfrac{5}{11} + \dfrac{2}{11} = \underline{}$

(f) $\dfrac{6}{8} - \dfrac{3}{8} = \underline{}$