



MATH NEWS



LAFAYETTE
PARISH SCHOOL SYSTEM

Kindergarten, Module 4, Topic C

Winter 2014

Kindergarten Math

Module 4: Number Pairs, Addition and Subtraction to 10

Math Parent Letter

This document is created to give parents and students a better understanding of the math concepts found in Eureka Math (© 2013 Common Core, Inc.) that is also posted as the Engage New York material which is taught in the classroom. Module 4 of Eureka Math (Engage New York) covers Number Pairs, Addition and Subtraction to 10. This newsletter will discuss Module 4, Topic C.

Topic C. Addition with Totals of 6, 7, and 8

Words to know

- How many are there
- Number Sentence
- Number Bond
- Add
- Addition
- Equation

Objective

In Topic C, students will begin to add numbers 6, 7, and 8. This Topic will help students read and understand word problems while adding and subtracting fluently up to 8. Students will record the relationship between the quantities by writing number sentences and drawing number bonds.

OBJECTIVE OF TOPIC C

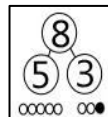
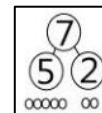
- 1 Represent decomposition and composition addition stories to 6 with drawings and equations with no unknown.
- 2 Represent decomposition and composition addition stories to 7 with drawings and equations with no unknown.
- 3 Represent decomposition and composition addition stories to 8 with drawings and equations with no unknown.
- 4 Solve add to with result unknown word problems to 8 with equations. Box the unknown.
- 5 Solve put together with total unknown word problems to 8 using objects and drawings.
- 6 Solve both addends unknown word problems to 8 to find addition patterns in number pairs.

Focus Area– Topic C

Addition with Totals of 6, 7, and 8

There are 7 apples in a bowl. Five of them are red and 2 of them are green. How many apples are in the bowl? (See Objective #2)

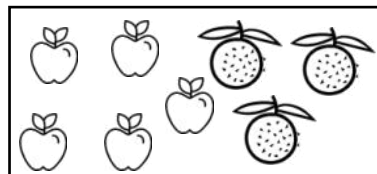
$$7 = 5 + 2 \text{ or } 5 + 2 = 7$$



Mom placed one more green apple in the bowl. How many are there now?

$$5 + 3 = 8 \text{ or } 8 = 5 + 3$$

There are 8 fruits. Five of them are apples and 3 of them are oranges. Fill in the number sentence and the number bond. (See Objective #3)



$$\begin{array}{l} 8 = 5 + 3 \\ 5 + 3 = 8 \end{array} \quad \begin{array}{c} 8 \\ 5 \\ 3 \end{array}$$

There are 5 birds in a tree. Three more birds flew in the tree. How many birds are there now? (See Objective #4)



$$5 + 3 = \boxed{8}$$

There are 3 red cars on the table and 3 green cars on the table. How many cars are on the table? (See Objective #5)

$$3 + 3 = \boxed{6}$$



There are 6 pencils. Some are on a desk and the rest are in a pencil box. Write an addition sentence to show how many could be in each place. (See Objective #6)



$$6 = \boxed{} + \boxed{}$$

Possible answers are 1 and 5, 2 and 4, or 3 and 3.