



# Montville Math News



Kindergarten, Module 4, Topic B *Adapted with permission from the Lafayette Parish School System* Winter

## 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 material, which is taught in the classroom. Module 4 of Eureka Math covers Number Pairs, Addition and Subtraction to 10. This newsletter will discuss Module 4, Topic B.

Topic B. Decomposition of 6, 7, and 8 into Number Pairs

### Words to know

Decomposition	Number Bonds
Take Away	Addition
Take Apart	Subtraction
Put Together	Minus

### Objective

In Topic B, students will begin to compose and decompose numbers 6, 7, and 8. This Topic will help students grasp number concepts and add and subtract fluently up to 8. Students will record the relationship between the quantities by drawing pictures in the number bond model.

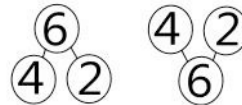
## Focus Area– Topic B

*Decomposition of 6, 7, and 8 into Number Pairs*

Students will learn how to complete number bonds from reading word problems, create number bonds by telling a math story, and create a sentence when given the sum.

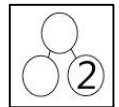


Look at the ducks and make 2 different number bonds.



Tell a story about the ducks and complete the number bond.

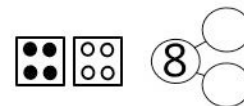
There are 6 ducks, 2 are standing and 4 are sitting.



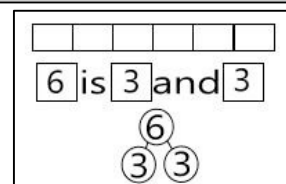
Fill in the number bond to match.

## OBJECTIVE OF TOPIC B

- 1 Model decompositions of 6 using a story situation, objects, and number bonds.
- 2 Model decompositions of 7 using a story situation, sets, and number bonds.
- 3 Model decompositions of 8 using a story situation, arrays, and number bonds.
- 4 Model decompositions of 6–8 using linking cube sticks to see patterns.
- 5 Represent decompositions for 6–8 using horizontal and vertical number bonds.
- 6 Use 5-groups to represent the  $5 + n$  pattern to 8.



Fill in the number



Draw more to complete 6. Complete the number bond.

