

MATH NEWS

Grade 2, Unit 1, Topic A

Fall 2014

2nd Grade Math

Unit 1: Sums and Differences to 20

Math Parent Letter

This document was created to give parents and students a better understanding of the concepts being taught in the Common Core Aligned Engage New York materials. The focus of Unit 1 of Grade 2 is on Addition and Subtraction within 20 and solving one step word problem.

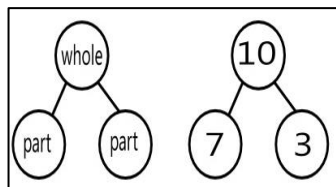
Topic A. Foundations for Addition and Subtraction
Within 20

Words to know

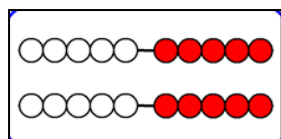
- Make 10
- Say Ten Counting
- Rekenrek
- Number Bond
- Ten Frame
- Hide Zero Cards

Things to remember!!!

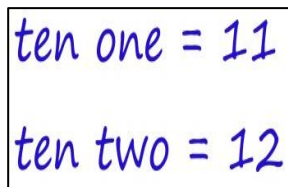
Number bonds



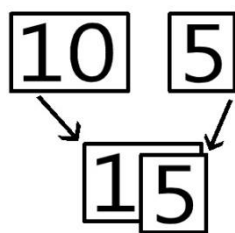
Rekenrek



Say Ten Counting



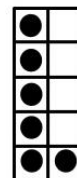
Hide Zero Cards



Focus Area of Topic A

Foundations for Addition and Subtraction within 20

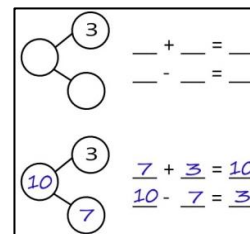
Students will begin by using **ten-frame** cards. This is a ten-frame card. The card has 10 places to hold dots. This card only has 6 dots and we need 4 more to **make 10**. $6 + 4 = 10$



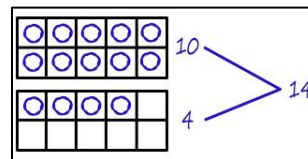
A cashier puts exactly 10 bills inside each envelope. How many more bills does she need to put in the following envelopes?

An envelope with 8 bills. She needs 2 more to make ten.
An envelope with 4 bills. She needs 6 more to make ten.

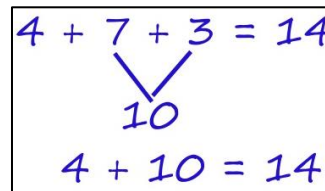
Complete each number bond to make 10. Write at least one addition and one subtraction sentence to accompany each bond. Lesson 1 focuses on the many ways to make 10. Students will also discover the relation between addition and subtraction sentences.



Use the ten-frame way to show why this strategy works for $10 + 4 = 14$



Jessie has a bag of marbles. There were 4 yellow marbles, 7 white marbles, and 3 blue marbles. How many marbles in all? Show your thinking using words, math drawings, or a number sentence.



OBJECTIVE OF TOPIC A

- 1 Make number bonds of ten.
- 2 Make number bonds through ten with a subtraction focus and apply to one-step word problems.

Looking at the addition sentence we can make a 10 using 7 and 3. This student used the make 10 strategy to solve the word problem.