MATH NEWS

1ˢᵗ Grade Math

Module 4: Place Value, Comparison, Addition & Subtraction to 40

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 Place Value, Comparison, Addition and Subtraction to 40. This newsletter will discuss Module 4, Topic A.

Topic A. Tens And Ones

Words to know

- Compose
- Decompose
- Place Value
- Place Value Chart
- Same As
- Tens
- Ones

Students are presented with a collection of 20 to 40 items. They will discuss and decide how to count the items and compare the efficiency of counting individual ones with counting tens and ones.
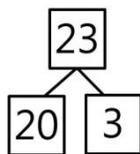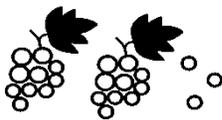
OBJECTIVE OF TOPIC A

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1	Compare the efficiency of counting by ones and counting by tens.
2	Use the place value chart to record and name tens and ones within a two-digit number.
3	Interpret two-digit numbers as either tens and some ones or as all ones.
4	Write and interpret two-digit numbers as addition sentences that combine tens and ones. (Lesson 4)
5	Identify 10 more, 10 les s, 1 more, and 1 less than a two-digit number. (Lesson 5)
6	Use dimes and pennies as representations of tens and ones.

Focus Area– Topic A

Tens and Ones

Throughout this Topic students will **decompose** 2-digit numbers as tens and ones then record their findings on a **place value chart.**


They will also gain a better understanding of **place value** when they are asked to **compose** and decompose 2-digit numbers as addition equations.

36 is the **same as** 30 + 6

3 **tens** 6 **ones** is the same as 36 ones

Students will also begin to use **arrow notation** or the arrow way.

Students will make the connection between the representation of tens and ones to dimes and pennies.

Kayla has 3 bags of 10 sticker and 6 stickers. She gives 1 bag of 10 to her friend. How many stickers does she have left? *Kayla has 26 stickers left.*
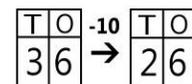
Angela has 16 stickers. How many more stickers does she need to have as many as Kayla does now? *Angela needs 10 more stickers to have the same as Kayla.*