



MATH NEWS



Grade 1, Module 6, Topic C

Spring 2015

1st Grade Math

Module 6: Place Value, Comparison, Addition and Subtraction to 100

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 6 of Eureka Math (Engage New York) covers Place Value, Comparison, Addition and Subtraction to 100. This newsletter will discuss Module 6, Topic C.

Topic C. Addition to 100 Using Place Value Understanding



$$\underline{10} \text{ tens} - \underline{3} \text{ tens} = \underline{7} \text{ tens}$$
$$\underline{100 - 30 = 70}$$

OBJECTIVE OF TOPIC C

- 1 Add and subtract multiples of 10 from multiples of 10 to 100, including dimes.
- 2 Add a multiple of 10 to any two-digit number within 100.
- 3 Add a pair of two-digit numbers when the ones digits have a sum less than or equal to 10.
- 4 Add a pair of two-digit numbers when the ones digits have a sum greater than 10 using decomposition.
- 5 Add a pair of two-digit numbers when the ones digit have a sum greater than 10 with drawing. Record the total below.
- 6 Add a pair of two-digit numbers when the ones digit have a sum greater than 10 with drawing. Record the new ten below.

Focus Area– Topic C

Addition to 100 Using Place Value Understanding

Solve.

64 is decomposed to 4 and 60. Add the tens together: $60 + 30 = 90$. Add the ones to the total: $90 + 4 = 94$.

$$64 + 30 = \underline{94}$$

4 60

$$60 + 30 = 90$$
$$90 + 4 = 94$$

$$64 + 36 = \underline{100}$$

6 30

$$64 + 6 = 70$$
$$70 + 30 = 100$$

36 is decomposed to 6 and 30. I can make 10 by adding $64 + 6 = 70$. $70 + 30 = 100$

Quick Ten Drawing

The four lines represents 4 tens, the nine dots represents 9 ones. 4 tens 9 ones = 49. Draw the tens and ones for 35 below the tens and ones that represent 49. Remember to line up the values. Circle the groups of 10 in the ones, then write the number from each below.

$$49 + 35 = \underline{84}$$

4 tens 9 ones

3 tens 5 ones

8 tens 4 ones

Record the new ten below. (problem above)

Write the problem vertically.

Add the ones together, $9 + 5 = 14$
(1 ten 4 ones) write the 4 in the ones column and write a 1 under the 3 in the tens column. (This may make it easier for students to remember to add that ten into the solution).
Add the tens together, $4 + 3 + 1 = 8$ tens
Write the 8 below the tens column. 8 tens 4 ones.
 $49 + 35 = 84$