

# MATH NEWS



Grade 4, Module 3, Topic D

October 2013

## 4th Grade Math

Module 3: Multi-Digit Multiplication and Division

#### Math Parent Letter

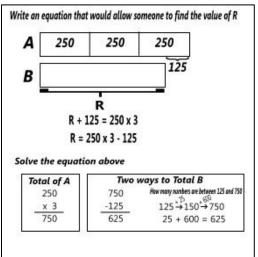
This document is created to give parents and students a better understanding of the math concepts found in Eureka Math (© 2013 Common Core, Inc.) that is also posted as the Engage New York material which is taught in the classroom. Module 3 of Eureka Math (Engage New York) covers Multi-Digit Multiplication and Division. This newsletter will discuss Module 3, Topic D.

Topic D. Multiplication Word Problems

#### Things to Remember!!!

• Read the word problem carefully to figure out what steps are needed to solve each problem.





It takes 25 more to get to 150 and 600 more to get to 750.

### OBJECTIVE OF TOPIC D

- 1 Solve two-step word problems, including multiplicative comparison.
- 2 Use multiplication, addition, and subtraction to solve multi-step word problems.

## Focus Area-Topic D

Multiplication Word Problems

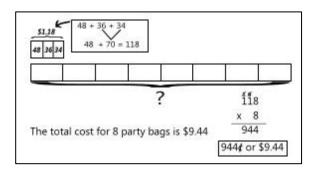
#### Multi-Step Problems

The table shows the cost of party favors found in 1 party bag. Each guest receives 2 balloons, 3 lollipops, and 1 bracelet. What is the total cost for 8 guests?

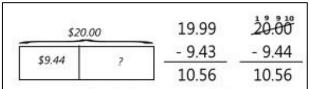
Item	Cost
1 balloon	24¢
1 lollipop	12¢
1 bracelet	34¢

One bag = \$1.18

2 balloons	24¢ x $2 = 48$ ¢
3 lollipops	$12^{\circ} \times 3 = 36^{\circ}$
1 bracelet	34¢ x 1 = $34$ ¢



They paid for the party favors with a \$20 bill. How much change should they expect back?



Take a penny from both numbers to find the solution.

If the same amount is subtracted from both numbers,
the amount between the numbers will remain the same.

They would receive \$10.56 change.