



Montville Math News



Grade 1, Module 1, Topic F

Adapted with permission from the Lafayette Parish School System

Fall

1st Grade Math

Module 1: Sums and Differences to 10

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.). Module 1 of Eureka Math covers Sums and Differences to 10. This newsletter will discuss Module 1, Topic F.

Access helpful information about Eureka Math at commoncore.org

Topic F. Development of Addition Fluency Within 10

Focus Area– Topic F

Development of Addition Fluency Within 10

Write the **double** and the **double plus 1** sentence for the 5 group cards



$$2 + 2 = 4$$

$$5 + 5 = 10$$

$$3 + 3 = 6$$

$$2 + 3 = 5$$

$$5 + 6 = 11$$

$$3 + 4 = 7$$

Words to know

- Doubles
- Doubles +1

Things to Remember!

| | | | | | | | | | |
|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| 1+0 | 1+1 | 1+2 | 1+3 | 1+4 | 1+5 | 1+6 | 1+7 | 1+8 | 1+9 |
| 2+0 | 2+1 | 2+2 | 2+3 | 2+4 | 2+5 | 2+6 | 2+7 | 2+8 | |
| 3+0 | 3+1 | 3+2 | 3+3 | 3+4 | 3+5 | 3+6 | 3+7 | | |
| 4+0 | 4+1 | 4+2 | 4+3 | 4+4 | 4+5 | 4+6 | | | |
| 5+0 | 5+1 | 5+2 | 5+3 | 5+4 | 5+5 | | | | |
| 6+0 | 6+1 | 6+2 | 6+3 | 6+4 | | | | | |
| 7+0 | 7+1 | 7+2 | 7+3 | | | | | | |
| 8+0 | 8+1 | 8+2 | | | | | | | |
| 9+0 | 9+1 | | | | | | | | |

Solve the number sentences. Use the key to color. Once the box is colored you do not need to color it again.

- Color doubles yellow
- Color +1 blue
- Color +2 green
- Color double +1 orange

| | | |
|--------------------------|-------------------------|--------------------------|
| $6 + 2 = \underline{8}$ | $5 + 1 = \underline{6}$ | $4 + 5 = \underline{9}$ |
| $2 + 2 = \underline{4}$ | $3 + 2 = \underline{5}$ | $8 + 7 = \underline{15}$ |
| $10 = 2 + \underline{8}$ | $8 = 4 + \underline{2}$ | $7 = 4 + \underline{3}$ |
| $10 = 5 + \underline{5}$ | $6 = 3 + \underline{3}$ | $7 = 5 + \underline{2}$ |

Related Fact Ladder

| | | |
|---------|-------------|----------|
| doubles | $3 + 4 = 7$ | |
| +1 | $3 + 3 = 6$ | doubles |
| adding | $2 + 2 = 4$ | |
| 1 more | $2 + 1 = 4$ | both |
| | $3 + 1 = 4$ | adding 1 |

OBJECTIVE OF TOPIC F

- 1 Visualize and solve doubles and doubles plus 1 with 5-group cards.
- 2 Look for and make use of repeated reasoning on the addition chart by solving and analyzing problems with common addends.
- 3 Look for and make use of structure on the addition chart by looking for and coloring problems with the same total.
- 4 Practice to build fluency with facts to 10.