Calendar Project
Order of Operations

Using your laptop and your knowledge of the order of operations, you are going to create a calendar for the month of September 2013. You may only do the month of September....
Instead of using numbers for the dates, however, you will only use the numbers 2, 3, 4, 5, 6, 7 and 8 to create numerical expressions and equations that, when evaluated, equal the date.

For example, for the 14th, you might use:

$$5 \times 4 - 3 \times 2$$
$$20 - 6 = 14$$

Keep in mind that there may be more than one way to represent any date.
The 14th might also be: $2 (4 + 3) = 2(4) + 2(3) = 8 + 6 = 14$

You will do this for all the days 1-30, and place the expressions in the boxes where the dates usually go.

Do not write the date in the box
only the numerical expression!!!!

The guidelines are: Points will be deducted for not following guidelines correctly.

1)   You must include the following number of operations for each date.

- 2 different operations (2)

- 3 different operations (7)

- 4 different operations (8)

- 5 different operations (7)

- 6 different operations (6)

2)   You MUST follow the order of operations (PEMDAS). $2 + 3 \times 5$ is the 17th not the 25th.

3)   You MUST show all steps for solving expressions and equations on a separate answer sheet.

4)   Number all answers on the answer sheet.

Grading Procedures:

- Following Directions (see guidelines above and)   5 points
- Neat – Legible – Colorful - Creative   5 points

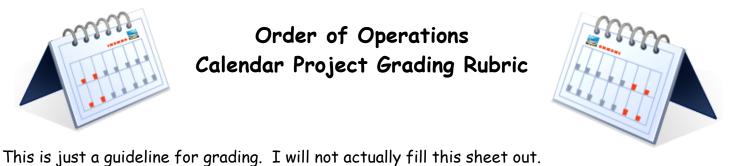- Mathematically correct expressions and equations with **ALL** steps shown on separate answer document.   30 points

5 points will be deducted for every day the project is late.

Due Date: September 12, 2013

Order of Operations
Calendar Project Grading Rubric

This is just a guideline for grading. I will not actually fill this sheet out.

Name _____ Class _____

Following Directions (5 possible points)

     Project Labeled correctly (Name, date turned in, class, month, days, etc.)   _____

Neat – Legible – Colorful - Creative (5 possible points)

Mathematically Correct Numerical Expressions and Equations (30 possible points)

     # of incorrect expressions _____ x 1 = _____   _____

Your Grade Is:

Date turned in: _____