

## Rational Numbers Calendar Project

You will be making a calendar using the Order of Operations. The calendar will be your own design and is going to be a challenging project! Be ready to be creative and have fun!

Listed below are the project guidelines:

- Choose the month for your calendar: \_\_\_\_\_
- Choose a theme for your calendar. You need to decorate according to the theme you choose.
- You will need to make a math expression, using the order of operations, which equals each day of the month. You will write the expression in the box for the day that makes the sentence true. Follow the guidelines below when making the expressions:
  - Must at least use:
    - Addition 10 times
    - Subtraction 10 times
    - Multiplication 10 times
    - Division 6 times
  - Must at least use:
    - Fractions 10 times
    - Decimals 10 times
  - **Each problem** must have at least ONE positive and at least ONE negative rational number.
  - Example:  $-1 + 2.5 - (-\frac{1}{2})$  would go on day #2.
  - You turn in a copy of the expressions in order, with all the work shown, and the calendar with just the expression shown.

**To receive any credit for this assignment, you must have this rubric sheet!**

Calendar Month: \_\_\_\_\_

Calendar Theme: \_\_\_\_\_

Below is the rubric indicating how the grade will be calculated.

<u>Element</u>	<u>Points Possible</u>	<u>Points Earned</u>
Overall Appearance (Neatness,color, decorative, etc.)	30	
Problems/All work shown (On sheet provided)	35	
Only expressions shown on final calendar.	35	
Final Grade	100	

1.	2.	3.	4.	5.
6.	7.	8.	9.	10.
11.	12.	13.	14.	15.

16.	17.	18.	19.	20.
21.	22.	23.	24.	25.
26.	27.	28.	29.	30.