

Name: _____ Due Date: _____

Nerd Clock Project

Standards

A2.N.Q.A.1 Identify, interpret, and justify appropriate quantities for the purpose of descriptive modeling.

A2.A.CED.A.2 Rearrange formulas to highlight a quantity of interest, using the same reasoning as in solving equations.

Objective

I can create a clock that requires solving equations and simplifying expressions.

Procedure

1. Experiment with different ways to represent the numbers 1 through 12 using expressions or equations.
2. Vary the type of numbers, operations and symbols that you use and be creative.
3. Show your work on a separate sheet to justify your answers.
4. Display your final expressions and/or equations in traditional clock format on a small poster board.

Requirements

1. Each equation or expression must contain at least 2 operations.
2. At least 4 operations (+, -, \times , \div , $\sqrt{\quad}$, !, log, sin, etc.) should be represented on the clock.
3. Each number set (natural, integer, rational and irrational) should be represented on the clock.
4. Order of Operations (PEMDAS) must be followed.

***SEE EXAMPLES IN CLASSROOM OR GOOGLE**

Simply copying examples found in class and/or on the internet will result in ZERO points being awarded.