**My Life in Math** Name: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_( )

 Due Date: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Welcome to the 2014-2105 school year! In an effort to get to know your interests, talents, creativity, and knowledge of math, here is our first project.

You have a choice of media to use: essay, poster, PowerPoint presentation, Prezi, or something else. I need to approve of any use of media not mentioned.

A total of 10 math problems will be created with correct answers. Be sure to check the answers. The topics must be:

* Number of siblings
* Birthday
* Street address
* Number of pets
* 6 other random facts
* (be sure your name is also included)

Included in these math problems must be the following. These can be combined into one (ex., decimals can be made into a 2-step equation).

* 5 operations: Add, subtract, multiply, divide, and use exponents
* 2 problems with decimals
* 2 problems with fractions
* 2 problems which are solving a 2-step equation (ex. $3m-6=21$)
* Order of Operations:
	+ 1-2 step problem
	+ 1-3 step problem
	+ 1-4 step problem
	+ 1-5+ step problem

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **RUBRIC** | 4 | 3 | 2 | 1 | 0 |
| 10 math problems created | 10 facts | 9 facts  | 8 facts | ≤7 | none |
| 10 math answers were correct (check these!) | 10 correct answers | 9 correct | 8 correct | ≤7 | none |
| Variety of use of operations in problems: + - x ÷ $x^{2}$ | High level of understanding | Good exmpls. | Some knowledge | Little knowl. | none |
| 2 problems with correct use of decimals | 2 prob w/decimals |  | 1 prob w/dec. |  | none |
| 2 problems with correct use of fractions | 2 prob w/fractions |  | 1 prob w/frac. |  | none |
| 2 problems involving solving a 2-step equation | 2 prob. w/2-step |  | 1 prob. w/2-step |  | none |
| Order of Operations problems created (2, 3, 4 and 5+) | High level of understanding | Only 3 types | 2 types | 1 types | nonee |
| Neat, spelling is correct, time and effort was used | High level of effort | Good effort | Some effort | Little effort | none |

 Total Points Possible: 32 Total Points Earned: \_\_\_\_\_ = \_\_\_\_\_\_\_%