

Figure Me Out Math Project

****Due by Tuesday, September 4****



What better way for the class to get to know you than making a math puzzle! You will choose 5 numbers to describe yourself and create math equations to figure the numbers out. Each box needs to be an equation that equals a whole number. You can write equations however difficult you want, but you will need to solve them in the end. If you use multiple operations in an equation, you need to follow the orders of operation. You will write the equation on the post-it note without an answer on it. The answer will be written on the sheet with the post-it covering it for that section.

In the middle, you will draw a picture of yourself, not a stick figure, and color it.

You can illustrate and color the boxes if you are feeling creative! An example would be for birthday would be a cake or balloons with the number on it.

One of the boxes must be used for you to make up your own description to answer. You **MUST** show your work on the back of the sheet for every box to get used to showing your work.

Choose 4 descriptions from this list: (The fifth description is your choice!)

- | | |
|---------------------------------|-----------------------------|
| Age | Classroom number |
| Number of people in your family | Birthday Month |
| Number of letters in your name | Number of pets you have |
| Favorite number | Number of friends you have |
| House number | Number of books you've read |

(See Requirement Checklist on the back)

Requirements Checklist

- _____ I have answered all the questions.
- _____ I created one of my own questions and answered it.
- _____ I have written 5 equations.

_____ All the equations use between 2 and 4 numbers.

_____ I have one multiplication problem.

_____ I have one division problem.

_____ I have one addition problem.

_____ I have one subtraction problem.

Optional: (These can be substituted for one of the required operations.)

_____ I have one fraction problem.

_____ I have one expanded form problem

_____ I have an advanced problem using multiple operations, exponents, decimals, square roots, etc.

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Name: _____ Block: _____ Final Grade: _____

Figure Me Out Project (30 points)

_____ Picture is colored

_____ All questions are answered

_____ Student created question

_____ 5 equations

_____ Equations use between 2 and 4 numbers.

_____ Includes the following (multiplication, division, addition, and subtraction)

Or advanced problem types (fractions, expanded, multiple operations, exponents, decimals, square root, etc.

_____ Equations worked out on the back

Teacher Comments: _____
