ME, MYSELF & MATH

I introduce myself mathematically to my students. Challenge the students to figure out the answer. Here are some of my examples. You'll be inspired to create your own. Students LOVE to know about you!!!

Hi $\sqrt{25}$ = high five

This is my $4^2 + \sqrt{49}$ year of teaching = 23

I live at 60 x 10 + 19 W. Division Path = 619

My birthday is May ____ (a two digit prime number whose sum is 8) = 17

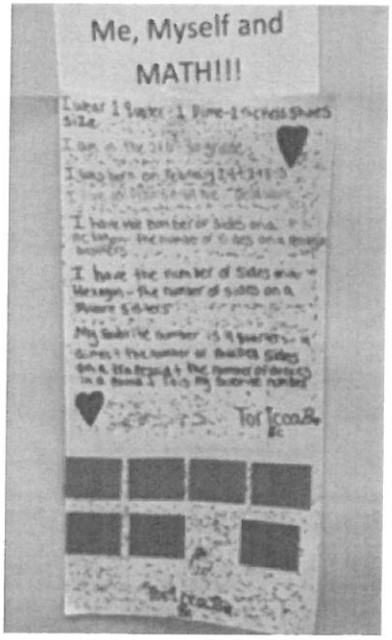
The number of brothers I have is equal to the number of hours in a day divided by the number of ounces in half a pound = 3

The number of sisters I have is equal to the number of parallel sides on a trapezoid = 2

My favorite number is (3 quarters – 3 dimes) ÷ number of sides on a pentagon + the first double digit odd number = 20

Now it is the student's turn to implement math concepts and skills while introducing themselves. If you have computers available, some students like to type these.

Actual Classroom Example:



MATERIALS NEEDED:

white tag board

markers, crayons, or colored pencils

6 small Post It notes per student

TIME:

This usually takes 80 minutes.

Modify to fit your grade level.

ME, MYSELF & MATH!!!!

Introduce yourself mathematically. **Follow the directions for each part.** Please use scratch paper for the first draft. You fill in the underlined parts with the concepts that describe YOU. Use tag board for your final draft. Write all the sentences at the top of the tag board. Write the correct answers at the bottom of the tag board and cover it with a post it. Write the number of each sentence on top of each post it. For example, for the answer to sentence 1, you would cover it with a post it and then write a 1 on top. Do the same for answers 2 – 7. You may use markers, colored pencils, and crayons.

1. Shoe Size *Use three different coins to represent your shoe size.*

EXAMPLE: I wear a size 1 quarter – 2 dimes + 1 penny shoe.

2. Height (using cm or inches)
Use three different numbers with at least one exponent.

EXAMPLE: I am $3 + 10^2 - 39$ inches tall.

3. Birthday *Use four different numbers with three different operations.*

EXAMPLE: I was born on May $32 \div 4 + 10 - 1$.

4. House or Apartment Number (doesn't have to be your real street)
Use three different two digit numbers AND two different operations.

EXAMPLE: I live at $60 \times 10 + 19$ W. Division Path

5 and 6. Number of Siblings
Use two or more different shapes for brothers and two or more different shapes for sisters. (A total of FOUR or more DIFFERENT shapes)

EXAMPLE: 5 -- I have the number of sides on a pentagon minus the number of equal sides on an isosceles triangle brothers.

6 -- I have the number of sides on an octagon divided by the number of right angles in a square sisters.

7. Your Favorite Number
Create a problem that has 2 or more steps, using 3 or more different CONCEPTS. Examples of a concept are coins, shapes, numbers, time, and measurements.

EXAMPLE: My favorite number is (3 quarters – 3 dimes) ÷ the number of sides on a pentagon + the first double digit prime number.