



MATHEMATICAL VALENTINES



You are to create a valentine poem for someone special. It does not have to rhyme, but it **MUST** contain **TEN** mathematical **TERMS**. You must:

- Use grammatically correct English, spell **ALL** words correctly
- Decorate your valentine
- Define your **TEN** mathematical terms on the back of your valentine

MATHEMATICAL TERMS: 30 points

3 points for each term used and spelled correctly. The terms should make sense to the reader in the context of the poem.

NEATNESS, CREATIVITY, ORIGINALITY, VISUAL APPEAL: 10 points

Your valentine should be neat, colorful and creative. It must look completely different from the others that I (or any other teacher) receive.

MATHEMATICAL TERM LIST & DEFINITIONS: 10 points

The list of terms and their definitions should be included on the back of the valentine. This list should be typed and all spelling correct.

Your valentine & term list are due **Thursday, February 14th** at the beginning of class. You will be expected to read your valentine to the class on February 15th!! Late valentines will not be accepted. **THIS IS WORTH AN EXTRA 50 POINT TEST GRADE.**

Your valentine should be:

- **school appropriate**
- **NO part(s) should come from the internet or any other source**
- **Your entire valentine poem should be yours!**

The Right Triangle For Me

We are two convex polygons,
In a world of non-convexity.

On the coordinate plane of life,
We are the ordered pair (love, love).

Eternally, you will be
The hypotenuse of my right triangle,
And the bases of my trapezoid.

You will always be my cutie 3.14159.
And forever let it be,

$$U^2 + ME^2 = WE^2$$