Geometry Chapter 1:
3D Model & Write-up

3D Model: Create a three dimensional model using points, lines, segments, rays and planes. Use whatever materials you choose to illustrate terms listed above. Examples could be but are not limited to: pipe cleaners, nails, spaghetti, q-tips, kernels of corn, rice, cotton balls, etc. You must include:

- ★ at least 3 separate points named and labeled
- ★ at least 3 segments labeled
- ★ at least 3 rays labeled
- ★ at least 3 lines labeled
- ★ at least 3 planes labeled

scoring ruberic:

3 points for points

6 points each for segments, rays, lines

3 points for planes

3 points over all effort for neatness

27 points total for 3D model

Write-up: Write two statements about each of the categories and how they interact with each other (points, segments, rays, lines, planes). You will have more information on your model but you only need to do a write up for two of each category.

Example: points: 1) point A is on plane GHJ.

2) point G is an endpoint on ray GM.

You cannot write "I have points A and B on my project" your statement must tell how it interacts with another piece of your model.

scoring ruberic:

2 points per statement....20 points total.   Correct math notation and symbols must be used. Please use capital letters and punctuation for each statement.