Name: \_\_\_\_\_\_\_\_\_\_\_\_\_\_

**Geometry Test**

1. Please name the shapes below and fill in how many faces, edges, and vertices they each have in the chart provided /28

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Shape Picture | Name of Shape | Number of Faces | Number of Edges | Number of Vertices |
| a. Macintosh HD:Users:melody:Desktop:Screen Shot 2020-04-07 at 2.22.49 PM.png |  |  |  |  |
| b. Macintosh HD:Users:melody:Desktop:Screen Shot 2020-04-07 at 2.23.20 PM.png |  |  |  |  |
| c. Macintosh HD:Users:melody:Desktop:Screen Shot 2020-04-07 at 2.23.11 PM.png |  |  |  |  |
| d. Macintosh HD:Users:melody:Desktop:Screen Shot 2020-04-07 at 2.22.55 PM.png |  |  |  |  |
| e. Macintosh HD:Users:melody:Desktop:Screen Shot 2020-04-07 at 2.23.03 PM.png |  |  |  |  |
| f.Macintosh HD:Users:melody:Desktop:Screen Shot 2020-04-07 at 2.23.43 PM.png |  |  |  |  |
| g. Macintosh HD:Users:melody:Desktop:Screen Shot 2020-04-07 at 2.23.29 PM.png |  |  |  |  |

1. Sort the following shapes into this Venn Diagram – write the letters in the Venn Diagram. /6

Has two or more congruent faces

Has at least one curved face

Both

a. b. c. d. 

e.  f. 

1. Name three examples for each shape (could be items in your house, objects outside, etc.) /6

Cube Cylinder

1. 1.

2. 2.

3. 3.

4. What does it mean if a shape is three-dimensional? /2

1. Draw a net for the following shapes: /3
2. cube
3. triangular pyramid

 c. cylinder

1. How many lines of symmetry does each shape have? Draw them and write how many. /8

All sides

are equal

 \_\_\_\_\_\_\_\_ \_\_\_\_\_\_\_\_\_\_\_\_ \_\_\_\_\_\_\_\_\_\_\_ \_\_\_\_\_\_\_\_\_\_\_\_

6. Finish the picture to show the mirror image over the dotted line. /4

a.)  b.) 

 c.)  d.)  Mark out of 57 = /57

