Note-building Activity 1.1

1. Sketch and label representations of a point, a line, and a plane.

***Answer the following questions with sentences that can be understood without the question:***

1. How many points are on a line?
2. How long is a line?
3. How many points are between any two points on a line?
4. If you are given two points in space, how many different lines can be drawn on which the two points lie?
5. How is a wall similar to a plane? How is it different? Does a plane have edges? Is there any want to sketch a true representation of a plane?
6. Given any three non-collinear points in space, how many planes can connect them?
7. Two lines with different slopes intersect in one \_\_\_\_\_.
8. Two planes with different slopes intersect in one \_\_\_\_\_.