**A Point:** is simply a \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_. **Example:**

1. Drawn as a \_\_\_\_\_\_\_\_.
2. Named by a \_\_\_\_\_\_\_\_\_\_\_\_\_\_ letter.
3. Words/Symbols:

**A Line:** is made up of \_\_\_\_\_\_\_\_\_\_\_\_ and has no thickness or \_\_\_\_\_\_\_\_\_\_.

1. Drawn with an \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ at each end.
2. Named by the \_\_\_\_\_\_\_\_\_\_\_\_\_ representing two points on the line or a lowercase script letter.
3. Points on the same \_\_\_\_\_\_\_ are said to be \_\_\_\_\_\_\_\_\_\_\_\_\_.
4. Words/Symbols: **Example:**

**A Plane:** is a \_\_\_\_\_\_\_ surface made up of \_\_\_\_\_\_\_\_\_\_\_\_.

1. Drawn as a \_\_\_\_\_\_\_\_\_\_\_\_ 4-sided figure.
2. Named by a \_\_\_\_\_\_\_\_\_\_\_\_\_ script letter or by the letters naming three \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ points.
3. Points that lie on the same plane are said to be \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_.
4. Words/Symbols:
5. **Example:**

**Example #1:** Use the figure to name each of the following.

Q

m

n

1. Name a line that contains point *P*.

R

P

W

1. Name the plane that contains lines *n* and *m*.

S

F

l

W

T

1. Name the intersection of lines *n* and *m*.
2. Name a point not on a line.
3. What is another name for line *n*.
4. Does line *l* intersect line *n* or line *m*? Explain.

**Example #2:** Draw and label a figure for the following relationship.

a.) Point *T* lies on *WR.* b.) *AB* intersects *CD* in plane *Q* at point *P.*

**Example #3:**

a.) How many planes appear in this figure? A

b.) Name three points that are collinear. S

c.) Are points *A, B, C,* and *D* coplanar? Explain.

C

B

D

d.) At what point do and *CA* intersect? *DB*