
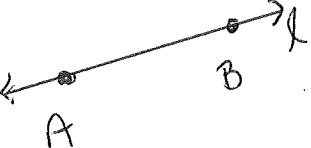
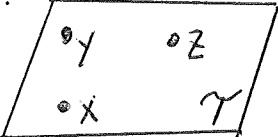
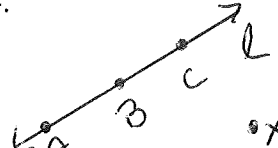
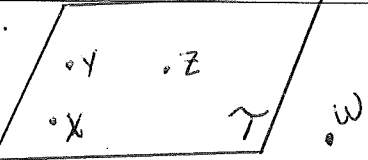
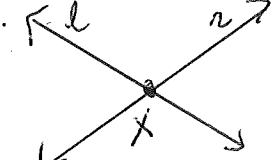
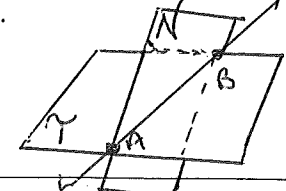


Fill in the Chart: (a) draw each geometric figure, and (b) write a name or symbol for each.

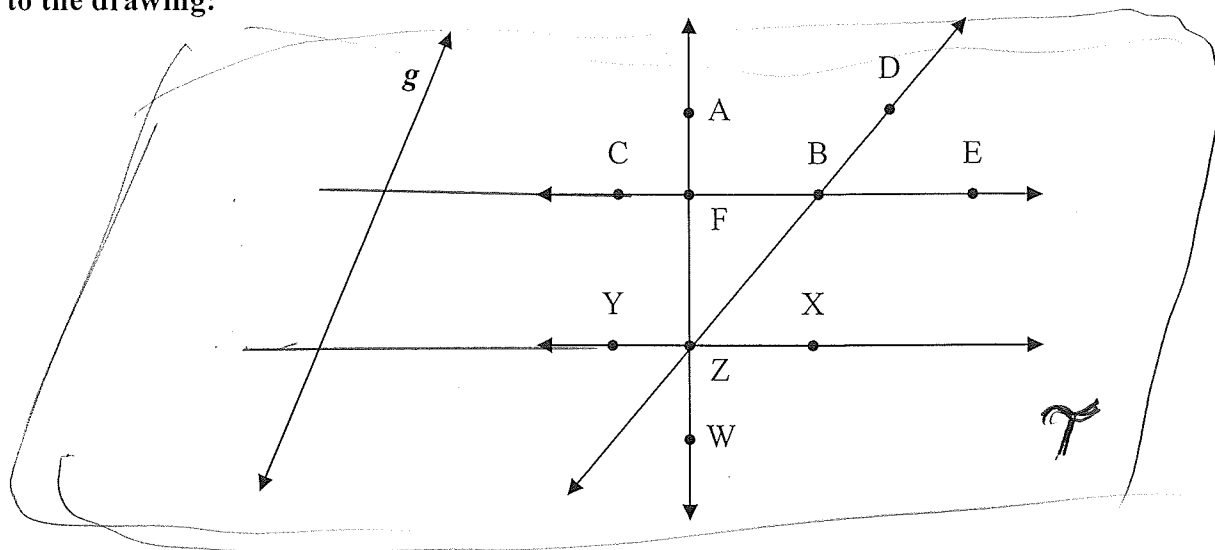
Description & Definition:	(A) Draw it	(B) Symbol (Name it)
point: simply a location	1. 	1. Point P P
line made up of points no thickness or width	2. 	2. \overleftrightarrow{AB} line l \overleftrightarrow{BA}
plane a flat surface Made up of points	3. 	3. Plane γ Plane XYZ Plane ZYX
collinear Points on the same line	4. 	4. <u>A</u> is collinear with <u>B</u> in my drawing.
coplanar Points on the same plane	5. 	5. <u>Point Y</u> is coplanar with <u>Point X</u> in my drawing.
intersection lines - two lines that cross	6. 	6. Two lines intersect in a.... l intersects line n at point X.
intersecting planes two planes that intersect	7. 	7. Two planes intersect in a... Plane γ intersects Plane N at \overleftrightarrow{AB} .
space Boundless three dimensional set of all points		

Name: _____

Geometry 1-1; Points, Lines, Planes

Date: _____ Hour: _____

Refer to the drawing:



8. Name one **pair** (2) of intersecting lines. Name their intersection. Use the proper symbols!
8. line \overleftrightarrow{ZD} intersects line \overleftrightarrow{CE} at point B.
9. What are 3 ways to name the plane all these lines are contained in?
9. Plane γ
Plane A B W
Plane X Y Z
10. Name three **noncollinear** points.
10. Points Z, Y, W are noncollinear
11. Does **g** intersect any other lines? If so, name them.
11. line \overleftrightarrow{EC} , \overleftrightarrow{XY} , \overleftrightarrow{DZ} , and \overleftrightarrow{AW} intersect line g
12. Plot the following points on the coordinate plane: A(3, 2), B(5, -3), C(1, -4), D(-3, -4).

Label all four quadrants.

