

1. Using the diagram at the right, circle all of the examples of proper notation. If the notation is wrong, cross it out. Two of them have been completed for you.

Point A (circled) ~~Point A~~ ~~Point X~~ ← "x" names the plane

~~AB~~ n (circled) ~~ABE~~ ← Use 2 pts to name a line

Plane X (circled) ~~Plane DEC~~ Plane AEC (circled)

Do not use collinear pts
There could be another plane w/ these 3 pts

2. In a few sentences, describe what you see in the diagram above. Be sure to use proper notation and vocabulary.

3. Use the diagram at the right to answer the following questions. Be sure to use proper notation.

a) Add \overleftrightarrow{CH} to the diagram.

b) Name the plane that contains \overleftrightarrow{CH} .

Plane CHG
 or
 Plane CHD etc.
 or
 Plane CDG

c) Name the intersection of plane ABC and plane BCF .

\overleftrightarrow{BC}

d) Why are the points G , F , and A coplanar?

Just like you can add a line between points C and H , you can add a plane through G , F , and A

e) Name 4 noncoplanar points.

A, D, C, E

