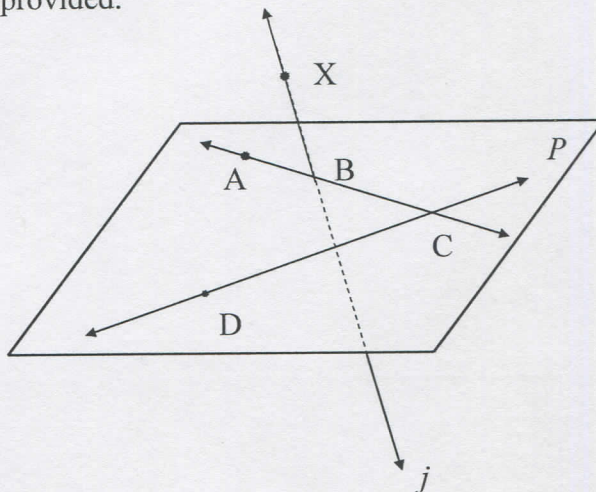## CYU 1.1 – 1.4

TRUE or FALSE: write out the entire word in the blank provided.

True 1. Plane _P_ contains $\overleftrightarrow{DC}$.

False 2. Plane _P_ contains X.

True 3. Another name for $\overleftrightarrow{AC}$ is $\overleftrightarrow{BC}$.

True 4. A, B, C and D are coplanar.

True 5. D and B are collinear.

False 6. A, B, and X are collinear.

True 7. X, A, B, and C are coplanar.

True 8. Every plane which contains A and B must contain C.

False 9. Line j intersects $\overleftrightarrow{DC}$.

True 10. The plane ABX intersects plane _P_ at $\overleftrightarrow{AC}$.

False 11. X is between A and C.

True 12. D, B, and X are coplanar.

True 13. $\overleftrightarrow{AB}$ and X are coplanar.

True 14. Space is the set of all points.

False 15. If three points are collinear, then they lie in exactly one plane.

True 16. If three points are collinear, then they are coplanar.

True 17. If two planes intersect, then their intersection is a line.

18. Name three collinear points. _V_ , _U_ & _X_

19. Name four coplanar points. _X_ , _Y_ , _Z_ & _W_

20. Name four non-coplanar points. _U_ , _X_ , _Y_ & _Z_

21. Name two collinear points that are not on a plane shown in the diagram. _U_ & _Z_

22. Name three coplanar points that are not on a plane shown in the diagram. _V_ , _U_ & _Z_