

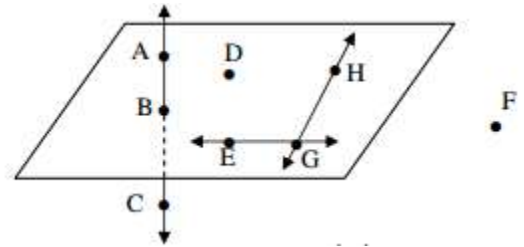
Points Lines Planes Assignment

Use the figure below to answer questions 1-6.

1. Name the plane with 3 letters: _____
2. AC intersects the plane at what point: _____

3. HG and GE intersect at what point? _____

4. Name 3 collinear points: _____



5. Name a point NOT on the plane: _____

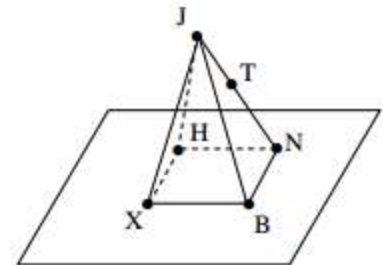
6. Are points F, D, E and B coplanar? _____

Use the figure at the right to answer the following.

7. How many planes are there in the figure? _____

8. How many planes contain H? _____

9. Name three collinear points: _____



10. Name two points not on the Plane XBN: _____

11. Name four points that are coplanar: _____

12. Name a line that does NOT contain J: _____

13. Name three non-collinear points: _____

Points Lines Planes Assignment

Use the figure below to answer questions 1-6. **ANSWER KEY**

1. Name the plane with 3 letters: **Any letters but C or F** _____

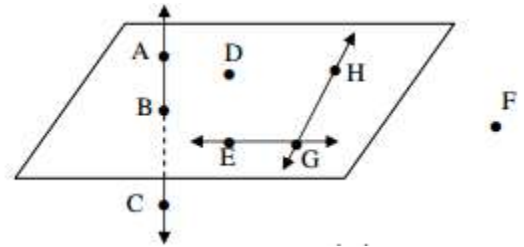
2. AC intersects the plane at what point: **B** _____

3. HG and GE intersect at what point? **G** _____

4. Name 3 collinear points: **ABC** _____

5. Name a point NOT on the plane: **F or C** _____

6. Are points F, D, E and B coplanar? **NO** _____



Use the figure at the right to answer the following.

7. How many planes are there in the figure? **5** _____

8. How many planes contain H? **3** _____

9. Name three collinear points: **JTN** _____

10. Name two points not on the Plane XBN: **JT** _____

11. Name four points that are coplanar: **HNBX** _____

12. Name a line that does NOT contain J: **HN, NB, BX, HX** _____

13. Name three non-collinear points: **Any Combination but JTN** _____

