

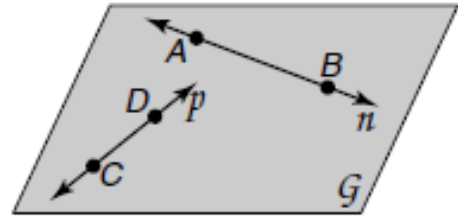
Assignment: T1-10 Basics of Geometry

Draw and label a sketch for each exercise.

1) A, B and C which are coplanar but not collinear	2) M is midpoint of \overline{AB}	3) Plane l parallel to plane k
4) \overline{AB} and \overline{AC} such that they are noncollinear.	5) D, E, F, G which are noncoplanar.	6) \overline{ST} intersecting plane m at X
7) \overline{WX} parallel to \overline{YZ}	8) \overline{AB} congruent to \overline{DC}	9) Collinear points A, B, C
10) $\angle LMO$ congruent to $\angle XYZ$	11) \overline{MN} skew to \overline{JK}	12) $\angle ABC$ with bisector \overline{BD}

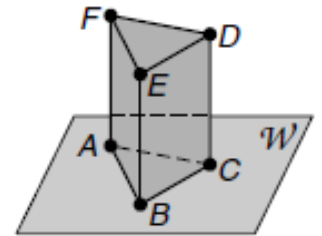
Refer to the figure to complete the questions.

13. Name a line that contains point D. _____
14. Name a point contained in line n . _____
15. What is another name for line p ? _____
16. Name the plane containing lines n and p . _____
17. Name three points that are noncollinear. _____



Refer to the figure to complete the questions.

18. How many planes are shown in the figure? _____
19. How many of the planes contain the points F and E? _____
20. Name four points that are coplanar. _____
21. Are points A, B, and C coplanar? _____ Why? _____
22. Name four points that are noncoplanar. _____



Name the undefined term that models each object.

23. a table cloth

24. a star in the sky

25. a rope
