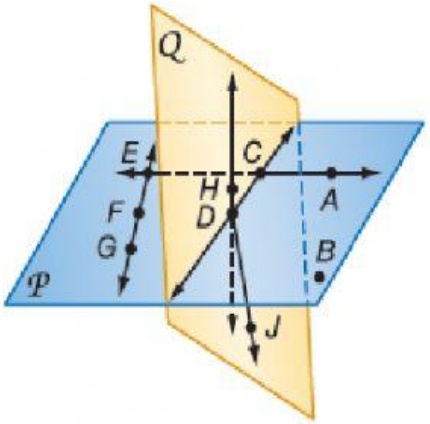
Chapter 10 – Reasoning and Proof

10-1 Postulates and paragraph proofs

In the figure at the right, $\overleftrightarrow{CD}$ and $\overleftrightarrow{CE}$ lie in plane P and $\overleftrightarrow{DH}$ and $\overleftrightarrow{DJ}$ lie in plane Q. State the postulate that can be used to show each statement is true.



34. Points C and B are collinear.

35 $\overleftrightarrow{EG}$ contains points E, F, and G.

36. $\overleftrightarrow{DA}$ lies in plane P.

37. Points D and F are collinear.

38. Points C, D, and B are coplanar.

39. Plane Q contains the points C, H, D, and J.

40. $\overleftrightarrow{AC}$ and $\overleftrightarrow{FG}$ intersect at point E.

41. Plane P and plane Q intersect at $\overleftrightarrow{CD}$.

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