1) Name the two planes in the above figure.

2) List the points labeled in the above figure.

Classify each statement as true or false.

3) \( AB \) contains \( H \).

4) \( CD \) contains \( B \).

5) Plane \( X \) contains \( AB \) and \( G \).

6) \( CD \) passes through \( H \).

7) \( X \) and \( Y \) intersect at \( CD \).

8) \( X \) and \( Y \) intersect at \( EF \).

9) \( A, B, \) and \( H \) are collinear.

10) \( C, G, B, \) and \( A \) are coplanar.

11) \( C, G, \) and \( A \) are coplanar.

12) \( A, B, \) and \( C \) are collinear.

13) \( A \) and \( C \) are collinear.

14) \( CD \) intersects \( X \) at \( H \).
Answer Key

1) Plane X and Plane Y
2) A, B, C, D, E, F, G, H
3) T
4) F
5) T
6) T
7) F
8) T
9) T
10) F
11) T (any 3 points are coplanar)
12) F
13) T (any 2 points are collinear)
14) T