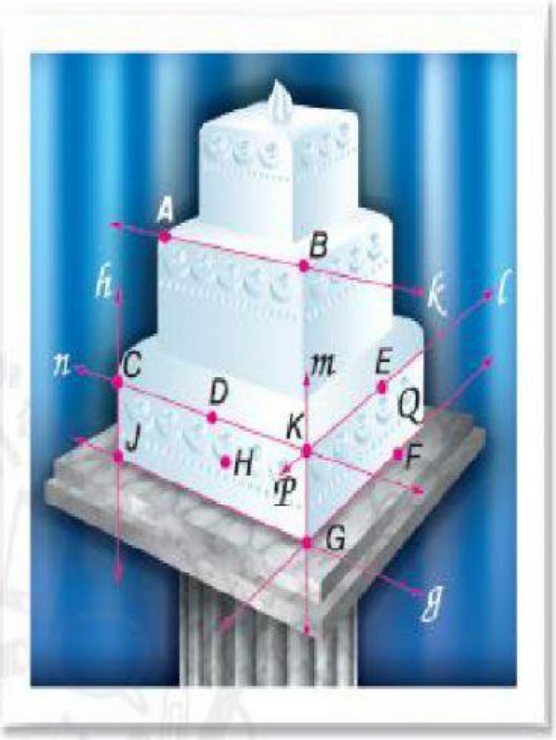
Chapter 10 – Reasoning and Proof

10-1 Postulates and paragraph proofs

CAKES Explain how the picture illustrates that each statement is true. Then state the postulate that can be used to show each statement is true.



16. Lines n and ℓ intersect at point K.

17. Planes P and Q intersect in line m.

18. Points D, K, and H determine a plane.

19. Point D is also on the line n through points C and K.

20. Points D and H are collinear.

21. Points E, F, and G are coplanar.

22. $\overleftrightarrow{EF}$ lies in plane Q.

23. Lines h and g intersect at point J.

LIVEWORKSHEETS