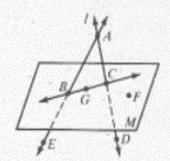
Classify each statement as true or false.

- 1. BC is in plane M. true
- Plane M contains AB, false
- 3. Line l intersects AB at point B. false
- 4. AB and DA intersect at A. true
- 5. AD is in plane M. false
- 6. Plane M intersects \overrightarrow{AE} at point B, true
- 7. \overrightarrow{AE} intersects plane M at point B. true
- 8. A, B, and E are collinear, true
- 10. A, B, and C are coplanar. true
- 12. A, B, C, and G are coplanar, true

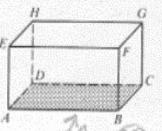


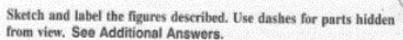
- 9. B. F. and D are collinear. false
- 11. B, C, F, and G are coplanar. true
- 13. A, B, C, and F are coplanar, false

EFBA

The plane that contains the shaded region can be called plane ABCD. Answers may vary.

- 14. Name three lines that intersect at point G. HG, CG, FG
- Name two planes whose intersection is FB. EFBA, FGCB
- Name the intersection of plane EHGF and plane EFBA. EF
- 17. Name two planes that do not intersect. ABCD, EFGH; FGCB,
- 18. Are points D, H, G, and C coplanar? yes EHDA; HGCD,
- 19. Are points D, H, G, and F coplanar? no
- Are points A, B, G, and H coplanar? ves





- Line AB intersects plane X at point C.
- 22. Two planes M and N intersect in line I.
- 23. Horizontal plane P contains two lines \overrightarrow{RS} and \overrightarrow{TU} that intersect at point O.

