

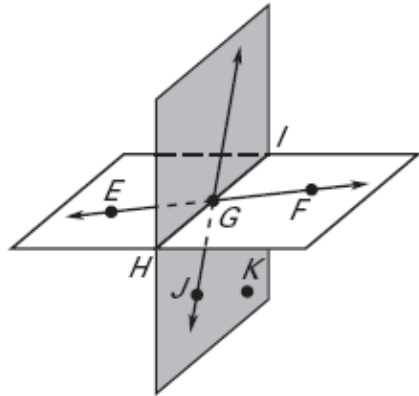
Name _____

Date _____

Assignment 1 LESSON 1.1

Use the diagram to decide whether the given statement is *true* or *false*.

1. Points H , I , and G are collinear.
2. Points H , I , and J are coplanar.
3. \overrightarrow{EG} and \overrightarrow{FG} are opposite rays.
4. All points on \overrightarrow{GI} and \overrightarrow{GF} are coplanar.
5. The intersection of \overleftrightarrow{EF} and plane JKH is \overleftrightarrow{HI} .
6. The intersection of \overleftrightarrow{EF} , \overleftrightarrow{HI} , and \overleftrightarrow{JG} is point G .
7. The intersection of plane EGH and plane JGI is point G .
8. The intersection of plane EFI and plane JKG is \overleftrightarrow{HG} .



Sketch the figure described.

9. Two rays that do not intersect

10. Three planes that intersect in one line

In Exercises 12–14, use the diagram.

12. Name 4 different rays.
13. Name 2 pairs of opposite rays.
14. Name 3 lines that intersect at point C .

