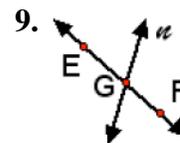
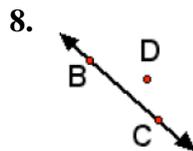
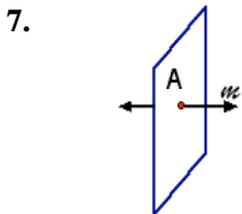


Homework 1-1 Point, Line, Plane

Using the appropriate labels sketch the following relationships.

1. \overleftrightarrow{CD} intersects \overleftrightarrow{GH} at K .
2. Line m is not on plane \mathcal{R} .
3. Points $S, T, U,$ and V are collinear.
4. Line h does not intersect \overleftrightarrow{YZ} .
5. \overleftrightarrow{ML} is on plane \mathcal{Q} .
6. Plane $ABCD$ intersects plane \mathcal{R} at line j .

Using appropriate notation describe the following sketches.



Using the figure to the right decide if the following statements are true or false.

10. \overleftrightarrow{AB} is in plane \mathcal{M} .
11. \overleftrightarrow{AB} is on plane \mathcal{M} .
12. Plane \mathcal{M} contains \overleftrightarrow{AB} .
13. \overleftrightarrow{AB} intersects plane \mathcal{M} .

