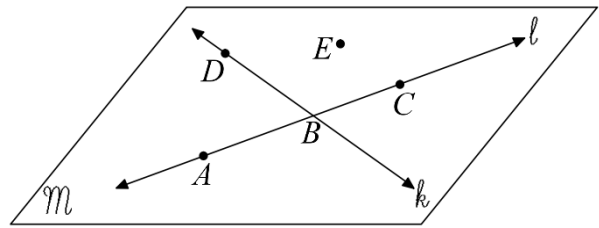


Name _____

Points, Lines, and Planes

Use the figure to name each of the following.

1. a line
2. a plane
3. a line segment
4. a ray
5. three collinear points
6. four coplanar points

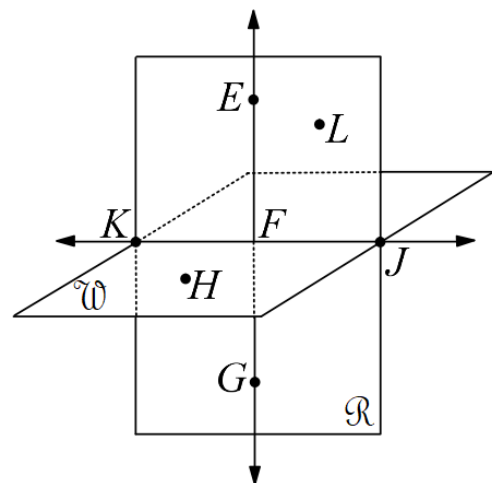


Draw and label the following.

7. a ray with endpoint K that passes through L
8. a line segment with endpoints C and D
9. a pair of opposite rays that both contain Z

Use the figure to name each of the following.

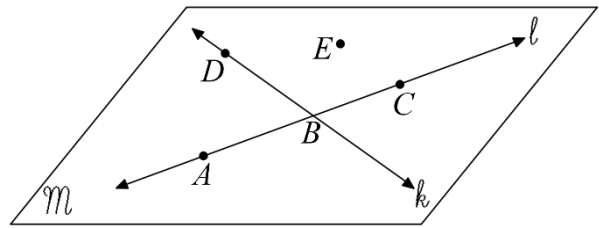
10. three noncollinear points
11. the point where \overleftrightarrow{EG} and \overleftrightarrow{KJ} intersect
12. the line where the two planes intersect
13. a line that lies in plane \mathcal{W}
14. a point that lies in plane \mathcal{R}
15. two planes that contain point F



Points, Lines, and Planes Answers

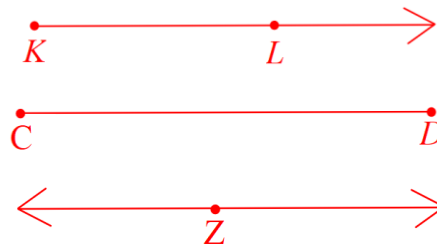
Use the figure to name each of the following. **Sample answers given.**

1. a line *line ℓ*
2. a plane *plane ABD*
3. a line segment *\overline{AC}*
4. a ray *\overrightarrow{BC}*
5. three collinear points *A, B, C*
6. four coplanar points *A, B, C, D*



Draw and label the following.

7. a ray with endpoint K that passes through L
8. a line segment with endpoints C and D
9. a pair of opposite rays that both contain Z



Use the figure to name each of the following. ***Sample answers given.**

10. three noncollinear points ** K, F, E*
11. the point where \overrightarrow{EG} and \overrightarrow{KJ} intersect *F*
12. the line where the two planes intersect *\overrightarrow{KJ}*
13. a line that lies in plane \mathcal{W} ** \overrightarrow{KJ}*
14. a point that lies in plane \mathcal{R} ** G*
15. two planes that contain point F **plane \mathcal{W} , plane \mathcal{R}*

