

Speak Like A Mathematician:

undefined terms:

point:

line:

plane:

collinear:

coplanar:

line segment:

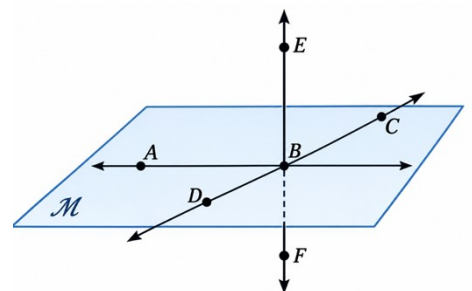
ray:

opposite rays:

Example 1 - Identifying Points, Lines, Planes

Use the image to complete each part.

- Name 4 coplanar points.
- Name any 3 lines.
- Name any 2 line segments.
- Name a plane.
- Name any 2 rays.



Example 2 - Draw and Label Challenge

Draw and label each in the space provided.

- a) A segment with endpoints M and N.
- b) Opposite rays with a common endpoint G.
- c) Plane CDE.
- d) A ray with endpoint G that contains H.
- e) Two lines intersecting at exactly one point.
- f) A plane and a line that intersect.
- g) A figure that shows a line that lies in a plane.
- h) a figure that shows two lines intersect in one point in a plane, but only one of the lines lies in the plane.

Example 3 - True or False

Use the provided image to answer each part.

- a) line BC is on plane M.
- b) Plane M contains line AB.
- c) Points B, F and D are collinear.
- d) line AB and line DA intersect at point A.
- e) Points A, B and E are collinear.
- f) Points A, B and C are coplanar.
- g) Line l intersects line AB at point B.
- h) Line AE intersects plane M at point B.

