
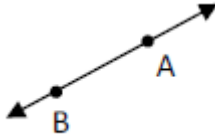
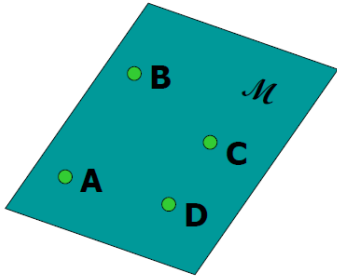

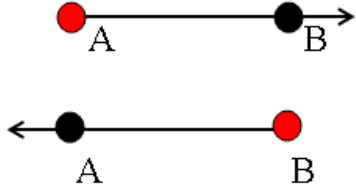
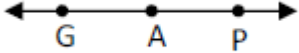
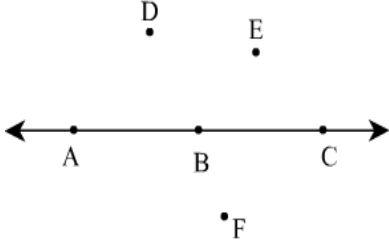


TOPIC 1-2: NAMING POINTS, LINES & PLANES

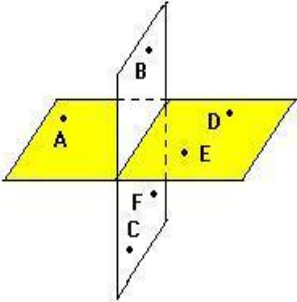
Objective: The student is expected to name points, lines, and planes.

| UNDEFINED TERM | DEFINITION | PICTURE | NAME |
|---------------------|--|---|------|
| POINT | An _____ location in space with indefinite size and shape. |  | |
| LINE | An object with no thickness that extends infinitely in _____ directions. |  | |
| PLANE | A flat surface that extends infinitely in _____ directions. |  | |
| LINE SEGMENT | A piece of a line consisting of two _____ and all points in between. |  | |

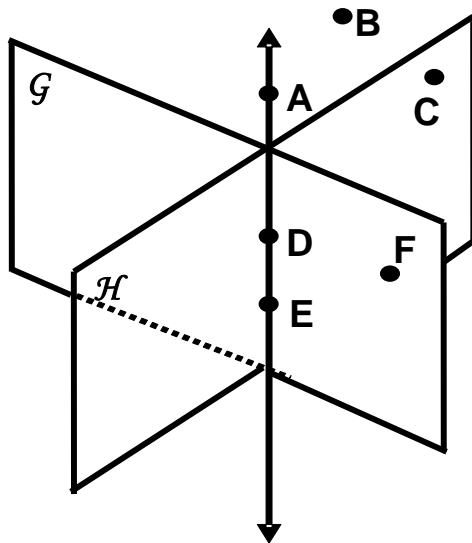
Topic 1-2

| | | | |
|-----------------------------|--|---|--|
| <p>RAY</p> | <p>A piece of a line consisting of one endpoint extending infinitely in _____ direction.</p> |  | |
| <p>OPPOSITE RAYS</p> | <p>Two rays sharing the same endpoint and continuing infinitely in _____ directions.</p> |  | |
| <p>COLLINEAR</p> | <p>Points that lie on the _____ line.</p> |  | |
| <p>NON-COLLINEAR</p> | <p>Points that DO NOT lie on the _____ line.</p> | | |

Topic 1-2

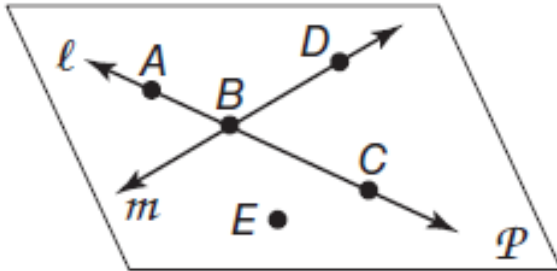
| | | | |
|----------------------------|--|---|--|
| <p>COPLANAR</p> | <p>Points that lie on the same plane.</p> |  | |
| <p>NON-COPLANAR</p> | <p>Points that DO NOT lie on the same plane.</p> | | |

Name each of the following from the picture at the left.



1. point _____
2. line _____
3. plane _____
4. line segment _____
5. ray _____
6. a pair of opposite rays _____

Topic 1-2



Name a line that contains point A. _____

What is another name for line m ? _____

Name a point not on \overleftrightarrow{AC} . _____

What is another name for line l ? _____

Name a point not on line l or line m ? _____