

Practice 1-4

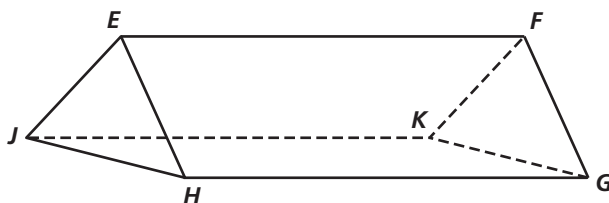
Segments, Rays, Parallel Lines and Planes

Write *true* or *false*.

- $\overleftrightarrow{XY}$ is the same as $\overleftrightarrow{YX}$. _____
- $\overrightarrow{XY}$ is the same as $\overrightarrow{YX}$. _____
- If two rays have the same endpoint, then they form a line. _____
- If the union of two rays is a line, then the rays are opposite rays. _____

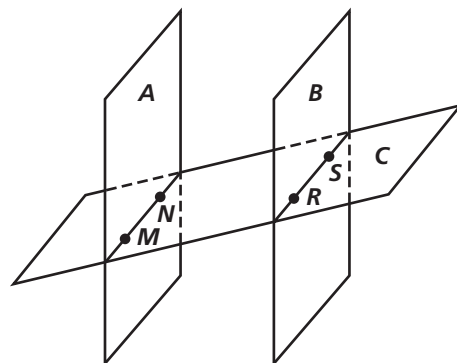
Refer to the diagram at the right.

- Name all segments parallel to $\overline{EF}$. _____
- Name three pairs of skew lines. _____



Refer to the diagram at the right.

- Which pair(s) of planes is (are) parallel? _____
- Which planes intersect in $\overleftrightarrow{MN}$? _____



Refer to the diagram at the right.

- Name $\overrightarrow{EF}$ in another way. _____
- Name a pair of opposite rays with E as an endpoint. _____
- Name in two different ways the ray opposite $\overrightarrow{FG}$. _____
- Are $\overline{EG}$ and $\overline{GE}$ the same segment? _____



Draw each of the following.

- parallel planes S , T , and U
- planes R and W intersecting in $\overleftrightarrow{PQ}$