

Practice 1-4

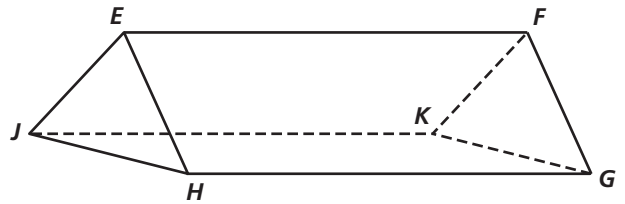
Segments, Rays, Parallel Lines and Planes

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. _____

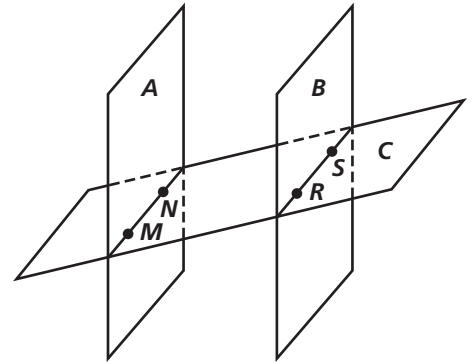
Refer to the diagram at the right.

- 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}

All rights reserved.

© Pearson Education, Inc., publishing as Pearson Prentice Hall.