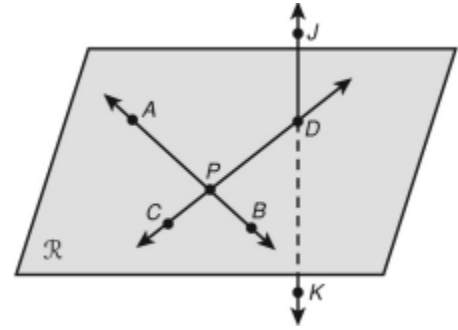


Use the figure at the right to answer the questions 1-6.

- Are the points A, P and B collinear? _____
- Are the points C, P and B collinear? _____
- What two lines are in plane R? _____

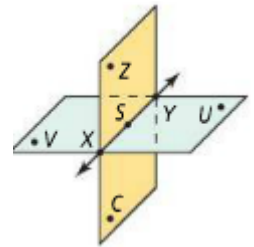


State true or false for each statement.

- Another name for plane R is APC. _____
- Another name for plane R is CPD. _____
- Through any two points is always a line. _____

Fill in the blank for statements 7-12.

- Points on the same line are _____ points.
- Points on the same plane are _____ points.
- _____ are statements accepted to be true without proof.
- Two planes intersect in a _____.
- Two lines intersect in a _____.
- Plane ZSY and plane USY intersect at _____.



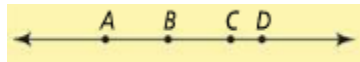
Use with problem #12

- Circle the correct name for the given ray.

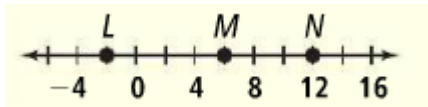
a) \overrightarrow{FE} b) \overrightarrow{EF}



- The opposite of \overrightarrow{BA} to the right is _____.



- Find the length of LN.



- If $EG = 49$, $EF = 2x + 3$, and $FG = 4x - 2$, find x . Then find EF and FG .



- J is the midpoint of \overline{HK} . Find the value of x and HJ .

