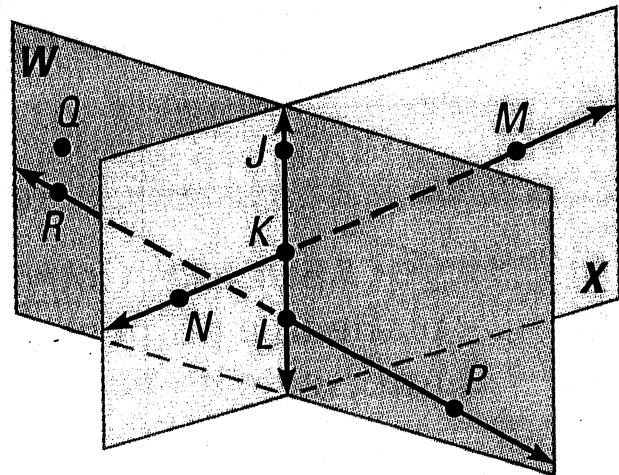


Geometry, Ch 2-4, Exercises, pg 92, #14-23

Use the diagram to determine if the statement is TRUE or FALSE.



14. Planes W and X intersect at \overleftrightarrow{KL} .

TRUE

15. Points Q, J, and M are colinear. FALSE

16. Points K, L, M, R are coplanar. FALSE

17. \overleftrightarrow{MN} and \overleftrightarrow{RP} intersect. FALSE [They are skew]

18. $\overleftrightarrow{RP} \perp$ plane W. FALSE [\overleftrightarrow{RP} lies in plane W]

19. \overleftrightarrow{JK} lies in plane X. TRUE [It also lies in plane W]

20. $\angle PLK$ is a right angle. FALSE [Not enough info.]

21. $\angle NKL$ and $\angle JKM$ are vertical angles. TRUE

22. $\angle Nkj$ and $\angle JKM$ are supplementary angles. TRUE

23. $\angle JKM$ and $\angle KLP$ are congruent. FALSE [Not enough info.]