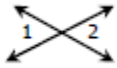
Practice!

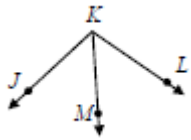
Justify each of the following statements using a definition, theorem, or postulate.

1. If $\angle A$ is a right angle, then $m\angle A = 90°$ _____

2. If X is between Y and Z and X, Y, and Z are collinear, then $YX + XZ = YZ$ _____

3. If 

, then $\angle 1 \cong \angle 2$ _____

4. Given 

If $\overrightarrow{KM}$ bisects $\angle JKL$, then $\angle JKM \cong \angle LKM$ _____

5. If $\angle M$ is a right angle and $\angle N$ is a right angle, then $\angle M \cong \angle N$ _____

6. Given 

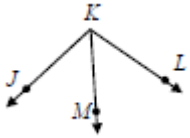
If $l \perp m$, then $\angle 1$ is a right angle _____

7. If $\angle W$ and $\angle X$ are supplementary, then $m\angle W + m\angle X = 180°$ _____

8. If A is the midpoint of $\overline{JK}$,then $\overline{JA} \cong \overline{AK}$ _____

9. If $\angle A$ and $\angle B$ form a linear pair, then $\angle A$ and $\angle B$ are supplementary _____

10. If $m\angle P + m\angle Q = 90°$, then $\angle P$ and $\angle Q$ are complementary _____

11. Given 

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$m\angle JKM + m\angle MKL = m\angle JKL$

12. If $m\angle R = m\angle S$, then $\angle R \cong \angle S$ _____