

For the following, sketch and carefully label the figure described.

16) \overline{PE} perpendicular to \overline{AR}

17) Vertical angles $\angle ABC$ and $\angle DBE$

18) Pentagon $PENTA$ with $PE=EN$.

19) Supplementary angles $\angle RAT$ and $\angle TAN$

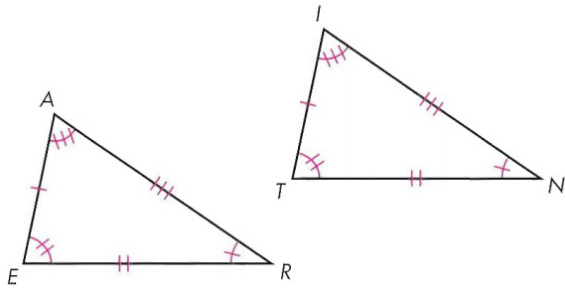
20) Hexagon $NGAXEH$ with $\angle HEX \cong \angle EXA$

21) \overleftrightarrow{AB} , \overleftrightarrow{CD} , and \overleftrightarrow{EF} with $\overleftrightarrow{AB} \parallel \overleftrightarrow{CD}$ and $\overleftrightarrow{CD} \perp \overleftrightarrow{EF}$.

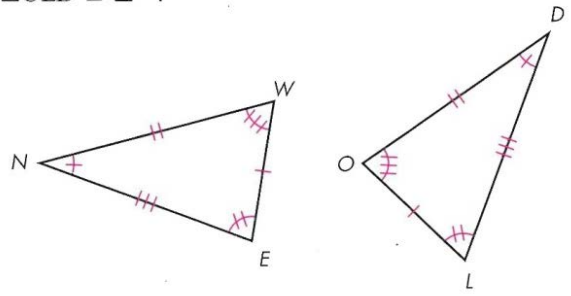
22) Equiangular quadrilateral $QUAD$ with $QU \neq QD$.

From the information given, determine the correct congruence statement.

23) $\triangle EAR \cong \triangle \text{---}$



24) $\triangle OLD \cong \triangle \text{---}$



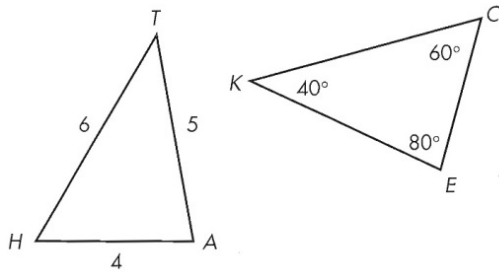
Find the missing measures in each pair of congruent polygons.

25) $\triangle HAT \cong \triangle CEK$

$m\angle H = \underline{\hspace{2cm}}$ $CE = \underline{\hspace{2cm}}$

$m\angle A = \underline{\hspace{2cm}}$ $EK = \underline{\hspace{2cm}}$

$m\angle T = \underline{\hspace{2cm}}$ $CK = \underline{\hspace{2cm}}$



26) $\triangle THINK \cong \triangle POWER$

$PR = \underline{\hspace{2cm}}$ $RE = \underline{\hspace{2cm}}$

$EW = \underline{\hspace{2cm}}$ $WO = \underline{\hspace{2cm}}$

$PO = \underline{\hspace{2cm}}$

