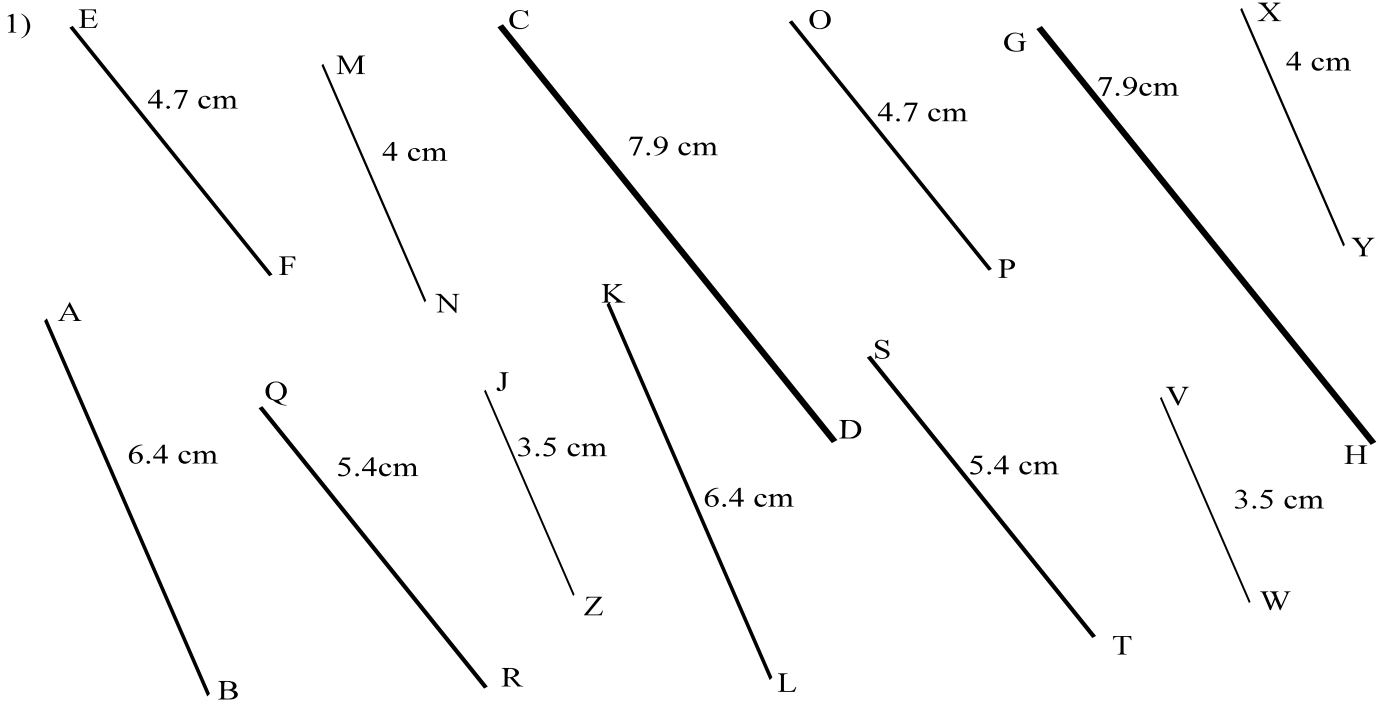


Congruence and Perpendicularity  
Geometry

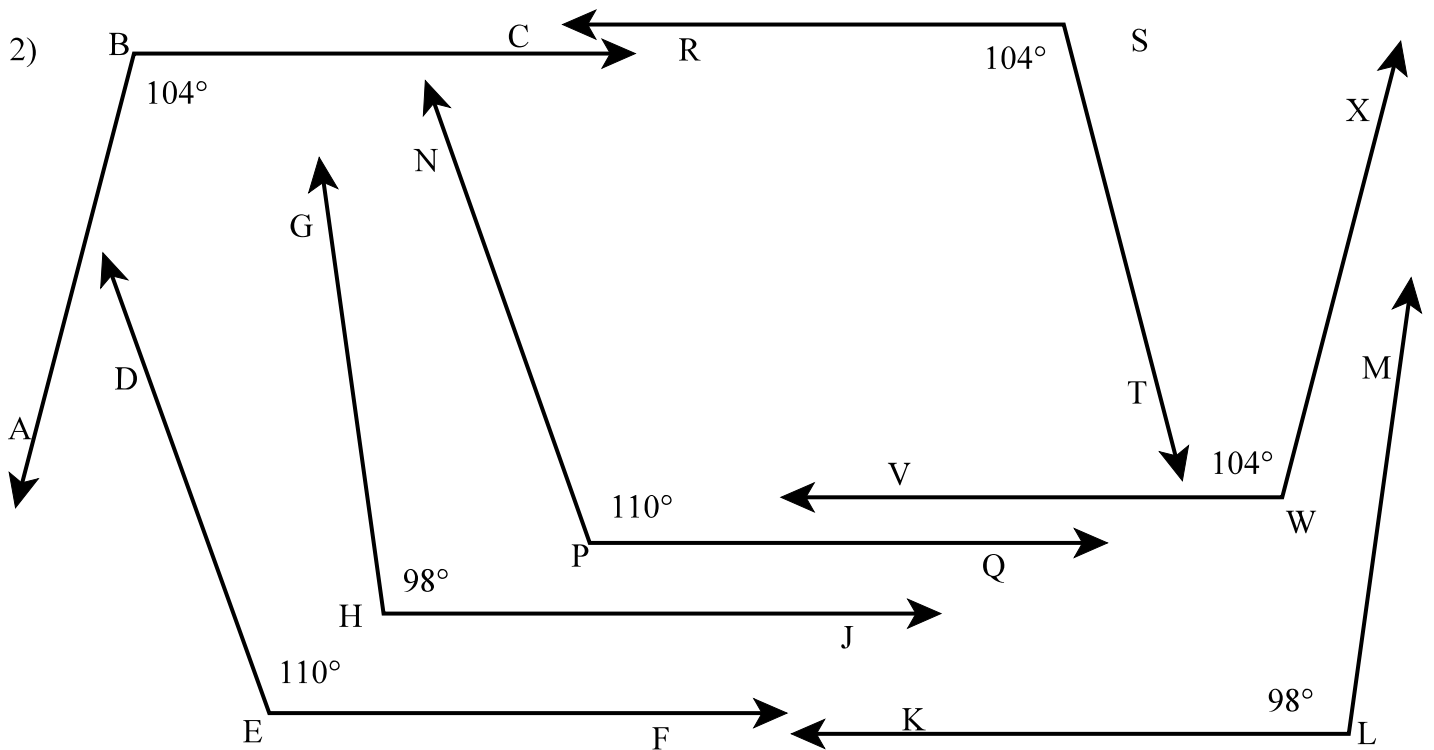
KEY

Which segments are congruent?



$$\overline{EF} \cong \overline{OP}, \overline{MN} \cong \overline{XY}, \overline{CD} \cong \overline{GH}, \overline{AB} \cong \overline{KL}, \overline{QR} \cong \overline{ST}, \overline{JZ} \cong \overline{VW}$$

Which angles are congruent?



$$\angle ABC \cong \angle RST \cong \angle VWX, \angle GHJ \cong \angle KLM, \angle DEF \cong \angle NPQ$$

Draw segments congruent to the given segments.

3)



DRAW THESE!

4)

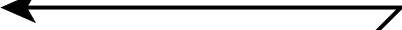


5)



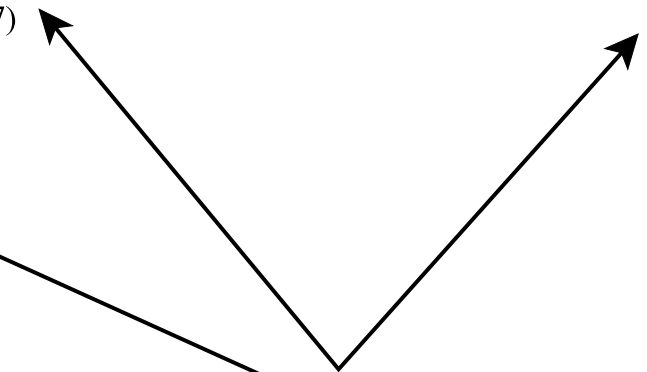
Draw angles congruent to these angles.

6)

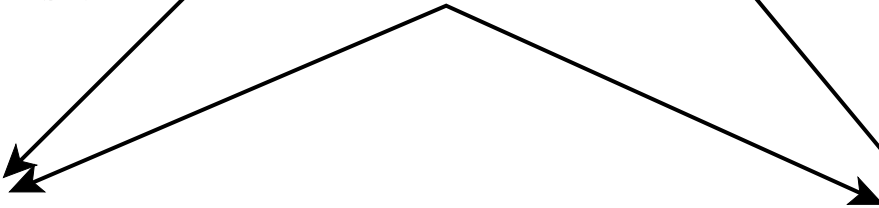


DRAW THESE!

7)



8)



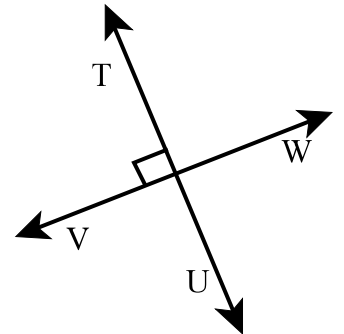
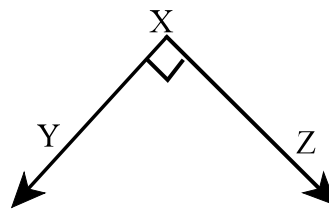
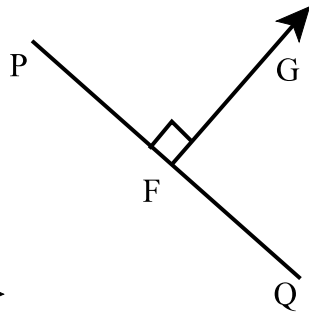
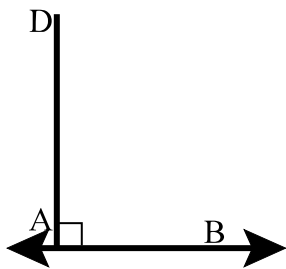
Draw the objects as indicated in each problem.

9)  $\overline{AB} \perp \overline{AD}$

10)  $\overline{PQ} \perp \overline{FG}$

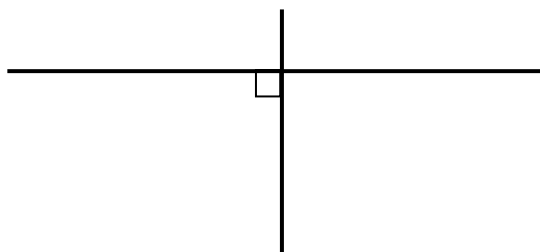
11)  $\overline{XY} \perp \overline{XZ}$

12)  $\overline{TU} \perp \overline{VW}$



Draw a perpendicular bisector of each segment below.

13)



14)

