Name: _____
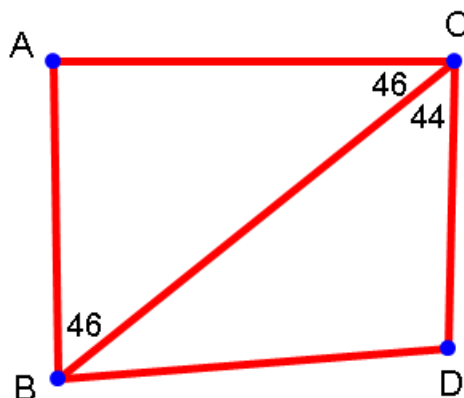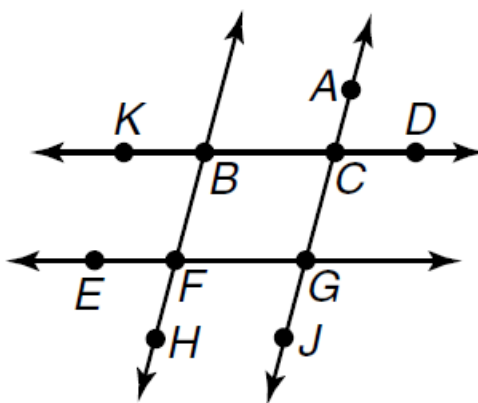
Proving Parallel Lines

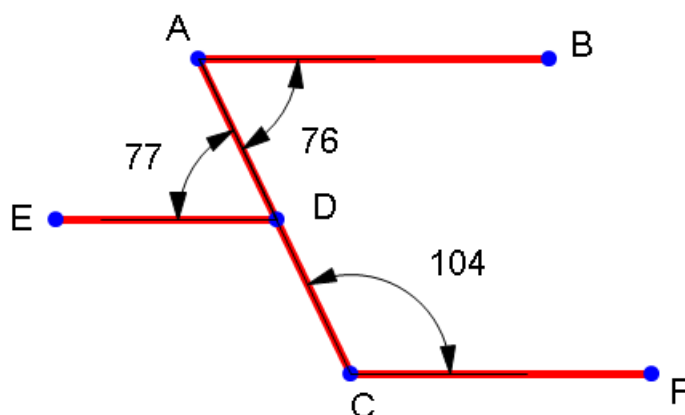A) 1) State which segments (if any) are parallel? State the postulate or theorem that justifies your answer.

BF) Given the following information, determine which lines, if any, are parallel. State the postulate or theorem that justifies your answer.

2) $m\angle BCG + m\angle FGC = 180$

3) $\angle CBF \cong \angle GFH$

G)   Given the diagram below, is

4) $\overrightarrow{AB} \parallel \overrightarrow{ED}$

5) $\overrightarrow{CF} \parallel \overrightarrow{ED}$

H)   6)   Name two pairs of parallel lines in each figure, which congruent or supplementary angles did you use to determine parallel lines?