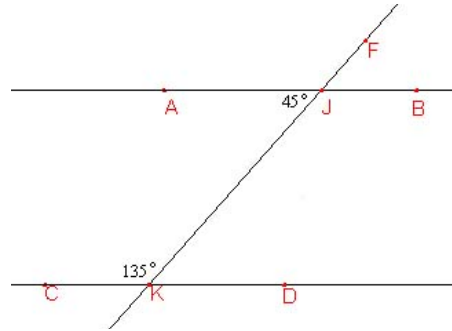
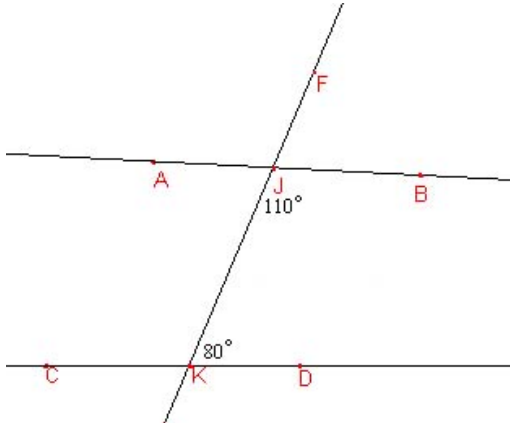


G.G.35 Determine if two lines cut by a transversal are parallel, based on the measure of given pairs of angles formed by the transversal and the lines

1. Investigate the two drawings using dynamic geometry software. Write as many conjectures as you can for each drawing.



2. In the following figure, certain angle measures are given. Use the information provided to show that \overline{AB} is parallel to \overline{CD} and that \overline{EF} is not parallel to \overline{CD} .

