TI-84+ Student Worksheet for G.G. 49 perpendicular bisectors of chords

1.) Select, grab and drag point $A$ or point $B$. What seems to be true about the perpendicular bisector of chord $A B$ ?
2.) Construct the perpendicular bisector of chord $C D$. What is true of the perpendicular bisectors of chords AB and CD ?
3.) If you are given the following diagram how would you locate the center of the circle?


