

**Problem 5)** To find the midpoint of the line-segment  $AB$ , use the compass to draw a circle centered at  $A$ , and a second, identical circle centered at  $B$ . If the circles are large enough, they will cross each other at  $C$  and  $D$ . Use the straight-edge to draw a straight line connecting  $C$  to  $D$ . The line  $CD$  will cross the original line-segment  $AB$  at its midpoint  $E$ .

