

1.01 - Construction Basics (Handout)

Illegal Moves

Given segment \overline{AB} , follow these steps: * Draw a circle centered at A with radius AB * Mark a point at the middle of \overline{AB} , label it C * Draw a circle centered at B with radius BC * Label the intersection above B as D and below B as E * Draw segments \overline{AD} , \overline{DE} , and \overline{AE} , and trace $\triangle ADE$ onto patty paper

(image)

Perfect Copy

The figure shows the first few steps of constructing a regular hexagon. Complete the construction.

(image)