

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 ΔADE onto patty paper

(image)

Perfect Copy

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

(image)