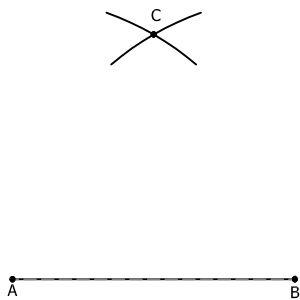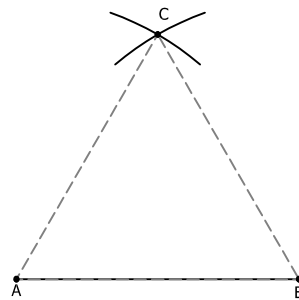C

D   A   B   E

Euclid's Elements Book 1 Prop 1
To construct an equilateral triangle on a given finite
straight line A-B.

Equilateral Gothic Arch
Construction Based
Euclid's Elements Book 1 Prop 1

Swing Arc's AC and BC the with radius equal to
AB

C

A   B

Draw Equilateral Triangle ACB

C

A   B

Draw Equilateral Arc AC from point B
and Equilateral Arc BC from point A

C

A   B