B

**Problem 1: Constructing Congruent Segments**

Given , Construct so that .

A

**Problem 2: Construct an angle congruent to a given angle**

Given , Construct ∠βso that .

α

**Problem 3: Construct the perpendicular bisector of a segment**

Given , Construct so that is the perpendicular bisector of .

B

A

**Problem 4: Constructing the Angle Bisector**

Given , Construct the bisector of

α