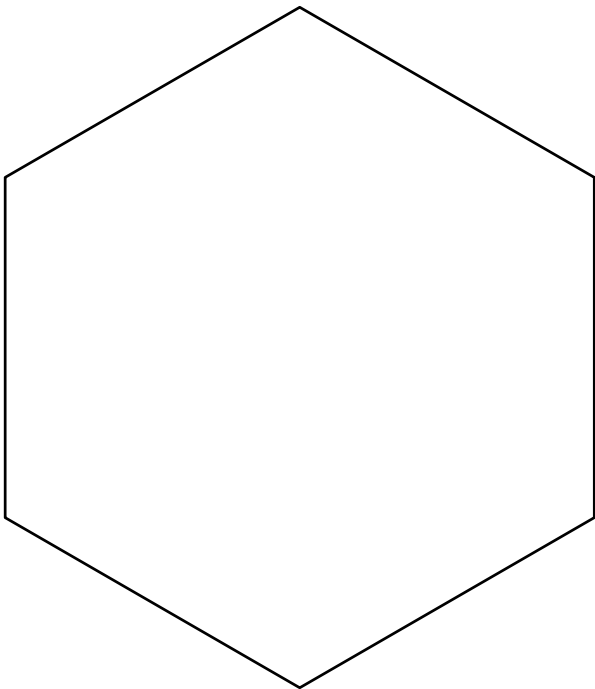
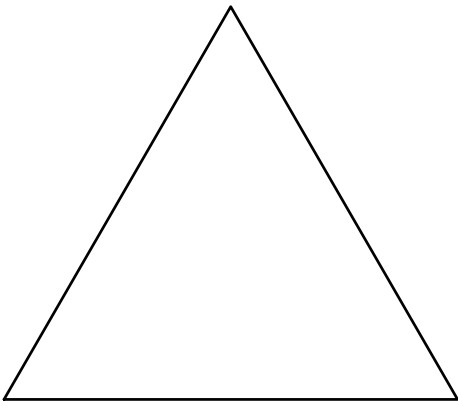
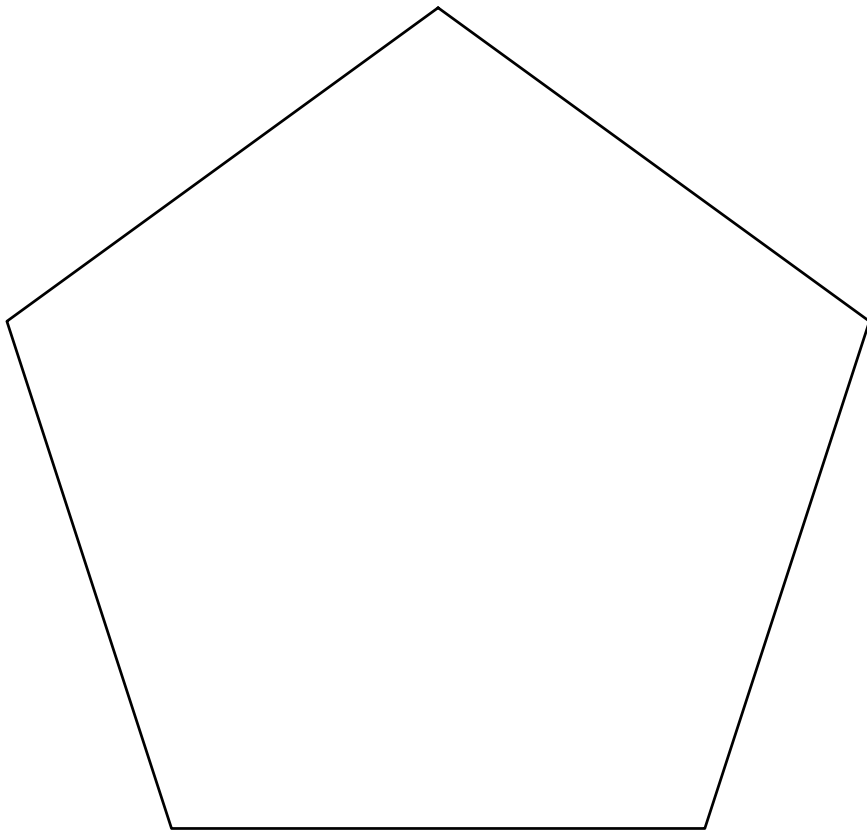


Inscribing the largest square into any polygon - STARTER SHEET

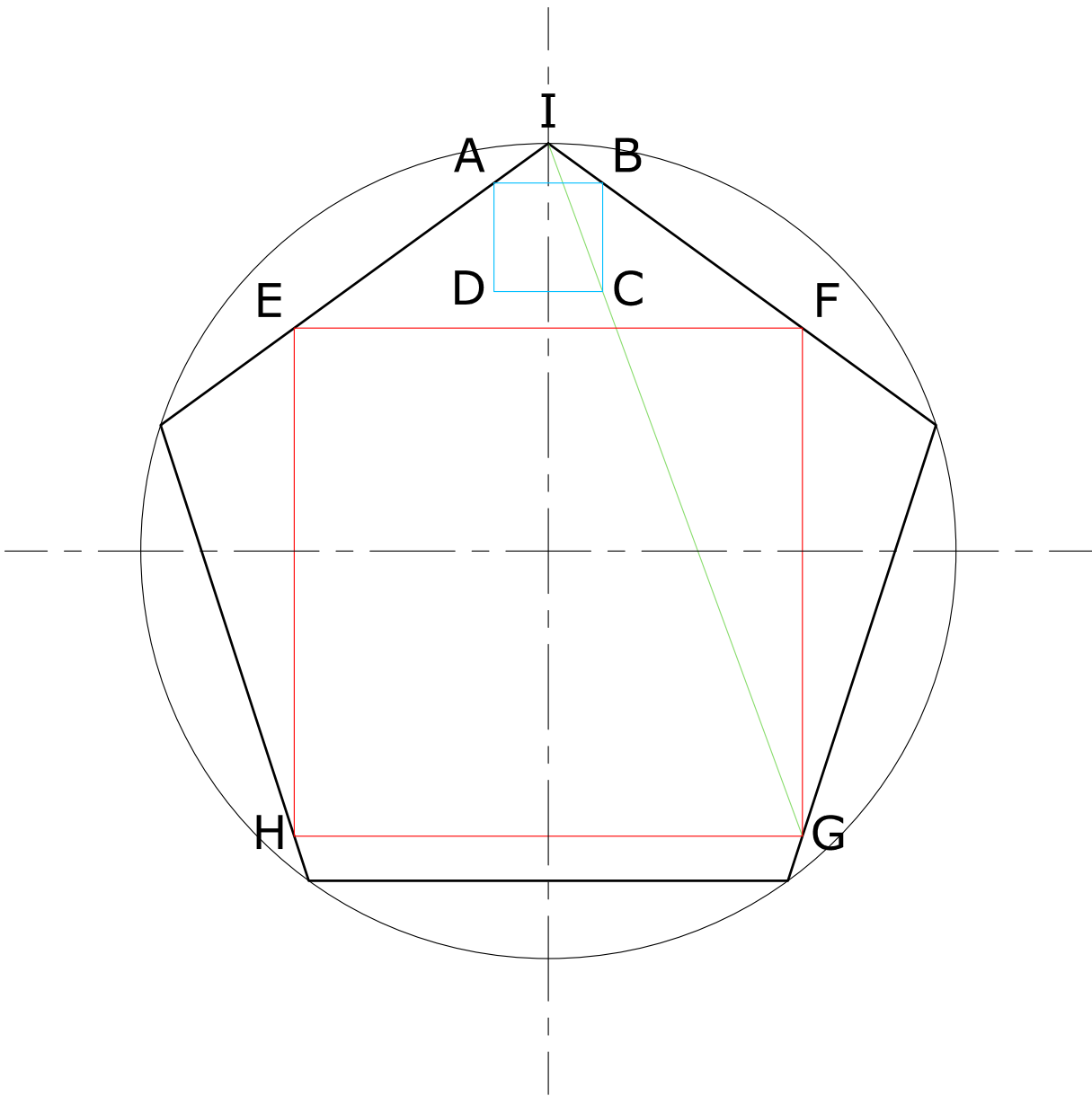
Inscribe the largest possible square into the pentagon, triangle and hexagon given below.



Inscribing the largest square into any polygon - ANSWER SHEET

Method 1: Drawing the largest square inside any given polygon.

- Step 1: Draw a pentagon of any size.
- Step 2: Draw a small square ABCD touching two sides.
- Step 3: Project the radial line I-C to find G.
- Step 4: Draw the largest square EFGH inside the pentagon.



Method 2: Drawing the largest square inside any given polygon.

- Step 1: Draw a pentagon of any size.
- Step 2: Join AB and draw square ABCD.
- Step 3: Project the radial line I-C to find G.
- Step 4: Draw the largest square EFGH inside the pentagon.

