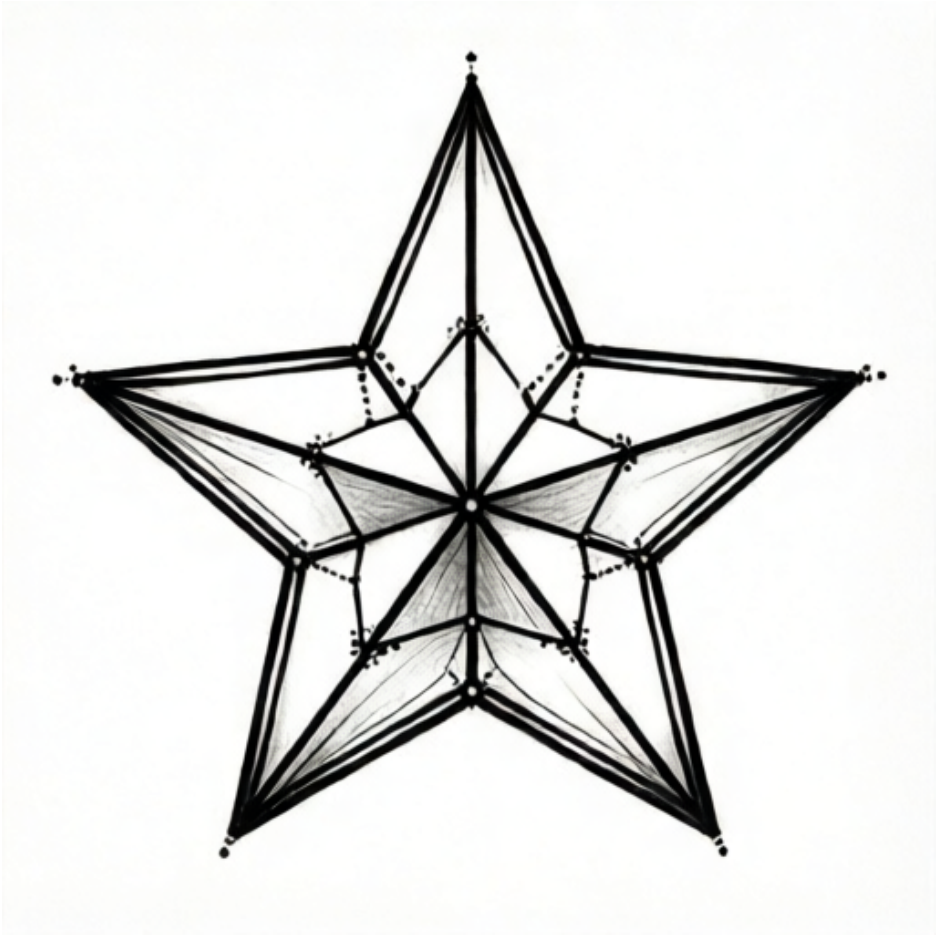
Star Tattoo Drawing: Point Geometry and Outline Design

Topic reference / ordinary illustration



Ordinary topic reference. Hypothetical dimensions in the four tasks are supplied in their own text; this illustration is not their measured answer.

Star Tattoo Drawing: Point Geometry and Outline Design

Worked example / complete source key

Draw a five-point star tattoo design with center C, radius 30 mm, P1 at the top, and a single continuous outline. Use the pentagram connection order and keep the design inside a 70 mm by 70 mm bounding box.

Answer: Mark C at the box center. Draw a light circle of radius 30 mm. Place P1 at the top, then P2 through P5 clockwise at 72-degree intervals. Connect P1-P3-P5-P2-P4-P1 to form the pentagram. Mark the five inner intersections. Trace the outer silhouette by connecting each outer point to the adjacent inner intersections. Check that all outer points are 30 mm from C and that the outline stays inside the 70 mm box with at least 5 mm margins. Erase guides after the outline is consistent.