

A geometric diagram showing a vertical line segment with endpoints labeled A (bottom) and B (top, marked with an arrow). To the left of this segment, there is a vertical line segment and a diagonal line segment meeting at a vertex. The angle between the vertical segment and the diagonal is labeled α , and the angle between the vertical segment and the horizontal line (implied by the top edge) is labeled β . In the center of the diagram, there is a vertical line segment passing through a central octagon.