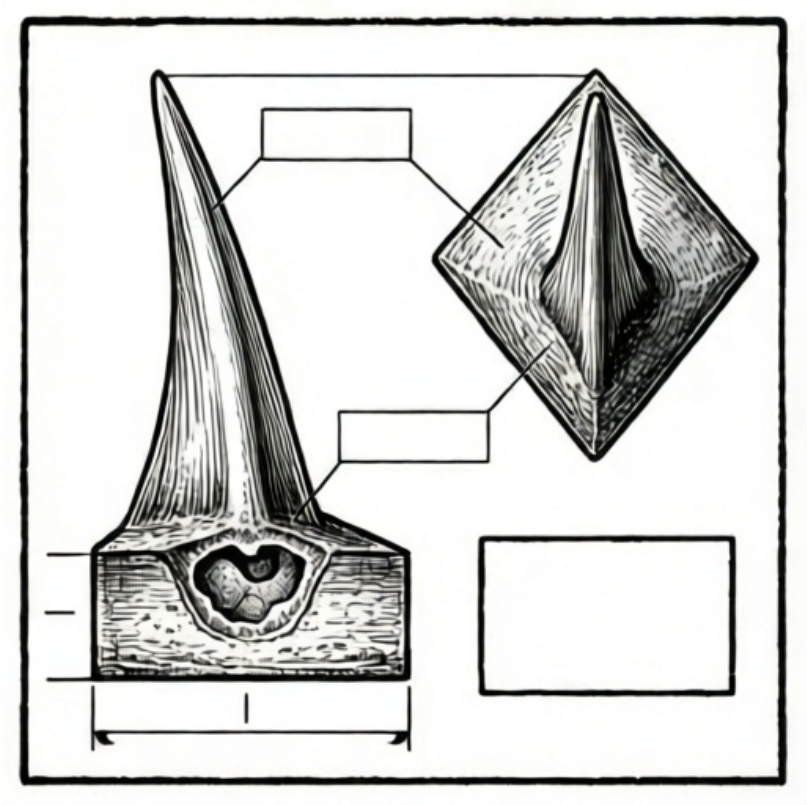
Placoid Scale Drawing: Label Dentine Spine and Basal Plate

Ordinary topic reference / separately checked pixels



Placoid Scale Drawing: Label Dentine Spine and Basal Plate

Original worked example / unchanged complete key

Prompt: Draw a side view of a placoid scale on a baseline. Use a basal plate oval 5 cm wide and 2.5 cm tall, with half below the baseline. Draw a dentine spine 3.5 cm tall rising from the top of the oval. Draw a pulp cavity oval 1.2 cm wide inside the basal plate. Label all three parts with horizontal words and straight label lines.

Answer: A correct drawing shows a horizontal baseline. The basal plate oval is centered on the line, with about 1.25 cm below and 1.25 cm above. The dentine spine is a cone rising 3.5 cm above the oval, pointing slightly right. The pulp cavity is a small oval inside the basal plate. Three labels are horizontal: 'dentine spine' points to the cone, 'basal plate' points to the outer oval, and 'pulp cavity' points to the inner oval. No label lines cross.