Placoid Scale Drawing: Label Dentine Spine and Basal Plate

Original task 1 / independent drawing and calculation

Task 1

Draw a side view of a placoid scale. Use a basal plate oval 6 cm wide and 3 cm tall, centered on a baseline with half below the line. Draw a dentine spine 4 cm tall. Draw a pulp cavity oval 1.5 cm wide inside the basal plate. Label all three parts.

Keep the original task measurements. Use the full drawing sheet in this PDF for a response needing more room; use the stated paper size when a task specifies larger paper.

Placoid Scale Drawing: Label Dentine Spine and Basal Plate

Original task 2 / independent drawing and calculation

Task 2

Draw a top view of a placoid scale. Draw the basal plate as an oval 5 cm wide and 3 cm tall. Draw the dentine spine tip as a small triangle near the center. Label the basal plate and the dentine spine tip. Add a note explaining why the pulp cavity is not labeled.

Keep the original task measurements. Use the full drawing sheet in this PDF for a response needing more room; use the stated paper size when a task specifies larger paper.

Placoid Scale Drawing: Label Dentine Spine and Basal Plate

Original task 3 / independent drawing and calculation

Task 3

Draw a side view and a top view side by side. Use the same label words in both views. In the side view, label dentine spine, basal plate, and pulp cavity. In the top view, label dentine spine tip and basal plate. Check that no label lines cross.

Keep the original task measurements. Use the full drawing sheet in this PDF for a response needing more room; use the stated paper size when a task specifies larger paper.

Placoid Scale Drawing: Label Dentine Spine and Basal Plate

Original task 4 / independent drawing and calculation

Task 4

Use a redraw-from-reference box. First draw and label a side view with a basal plate oval 4 cm wide and 2 cm tall, a dentine spine 3 cm tall, and a pulp cavity oval 1 cm wide. Study it for one minute, cover it, and redraw it in a 10 cm by 8 cm box. Then compare and write one sentence about what you changed.

Keep the original task measurements. Use the full drawing sheet in this PDF for a response needing more room; use the stated paper size when a task specifies larger paper.

Full drawing sheet / reusable blank workspace

Reusable full drawing sheet for Tasks 1 to 4. Print another copy when needed. Keep all original task measurements; if a task specifies larger paper, use that paper size.