Drawing a Snake Head: Jaw, Eye, and Scale Construction

Original task 1 / independent drawing and calculation

Task 1

Draw a snake head profile with a 10 mm eye diameter. Place the eye center 10 mm below the top of the head and 15 mm above the mouth line. Mark the hinge 10 mm in front of the eye center. Describe your final placement.

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.

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Original task 2 / independent drawing and calculation

Task 2

A drawing has scale rows that overlap from back to front. The student wants to keep this direction. State whether this is valid under the lesson convention and describe one adjustment that would improve consistency.

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.

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Original task 3 / independent drawing and calculation

Task 3

Using a 14 mm eye diameter, calculate the hypothetical top-of-head distance and mouth-line distance. Then state where the hinge should be relative to the eye center.

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.

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Original task 4 / independent drawing and calculation

Task 4

A student's scale rows cross the eye outline. Describe two changes that would fix this while keeping the scale convention.

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.