Draw a Striped Bass: Body, Fins, and Lateral Stripes

Original tasks 1, 2 / independent work

Task 1

A student draws a striped bass with a 20 cm body length. What total body depth and stripe thickness should they use if they follow the 4:1 depth ratio and one-tenth depth stripe thickness?

Task 2

On an 18 cm body, the first dorsal base is from 6 cm to 9 cm. If the body length is increased to 24 cm, what are the scaled first dorsal base positions?

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Original tasks 3, 4 / independent work

Task 3

A drawing has a body depth of 6 cm and a stripe thickness of 0.8 cm. Does this match the one-tenth depth convention? If not, what thickness would match?

Task 4

A striped bass drawing uses seven stripe rows on an 18 cm body. If the student keeps the same row spacing but changes the body length to 27 cm, how many rows should they plan if row spacing scales proportionally?