Draw a Coiled Serpent: Scale Rows and Open-Mouth Construction

Original tasks 1, 2 / independent work

Task 1

Plan a coil with four turns spaced 1.5 cm apart. What is the approximate distance from the center to the outer turn?

Task 2

A scale row is 3 cm long and overlaps the previous row by 1 cm. What fraction of the row is overlapped?

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Original tasks 3, 4 / independent work

Task 3

A mouth panel uses a 60-degree opening. The lower jaw line is 4 cm long and the tongue is 3 cm long. Is the tongue likely to stay inside the jaw?

Task 4

You draw five scale rows across a 2 cm body width. Each row overlaps the previous by about 0.7 cm. Is the overlap close to one third of a 2 cm row?