Draw Coiled Snake Scales: Belly Bands vs Dorsal Scales

Original tasks 1, 2 / independent work

Task 1

On a coil with a belly zone on the bottom and a dorsal zone on the top, a student uses 10 mm belly bands and 2 mm dorsal scales. The first two belly bands overlap by 5 mm. Is the overlap correct for the stated convention?

Task 2

A dorsal zone shows three rows of scales. Row one has four scales, row two has four scales placed directly below row one, and row three has four scales directly below row two. Each scale is 3 mm wide and touches its neighbors. Does this meet the staggered-row rule?

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Original tasks 3, 4 / independent work

Task 3

A coil drawing has belly bands that stop at the visible edge and dorsal scales that begin where the belly zone ends. The belly bands are 12 mm wide and overlap by 4 mm. The dorsal scales are 3 mm wide and touch without overlapping. A peer says the drawing mixes the two scale types. Is the peer correct?

Task 4

A student draws a comparison key with one belly band labeled 12 mm and one dorsal scale labeled 3 mm. On the coil, the belly bands are 12 mm wide but the dorsal scales are drawn at 6 mm wide. The student says the key makes the drawing correct. Is the student right?