Drawing a Crayfish: Segmented Body, Claws, and Antennae

Original tasks 1, 2 / independent work

Task 1

A crayfish drawing uses a body length of 12 cm on a 24 cm wide sheet. The carapace is one quarter of the body length. Calculate the carapace length and the space left on each side if the body is centered.

Task 2

You draw six abdomen bands. The first band is 3 cm wide and each later band is 0.5 cm narrower than the one before it. What is the width of the sixth band?

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Original tasks 3, 4 / independent work

Task 3

A claw is drawn as three parts: arm 2 cm, palm 3 cm, and fingers 4 cm. If you draw two claws, what is the total length of claw material along the arm-palm-finger line?

Task 4

On a 15 cm by 21 cm sheet, you plan a crayfish with a 10 cm body and a 3 cm tail fan. The claws extend 4 cm forward of the body. What total horizontal length must the drawing fit, and how much margin remains if the drawing is centered?