Draw a Generic Insect: Segmented Body and Six-Leg Construction

Original tasks 1, 2 / independent work

Task 1

A student draws an insect with head 2 cm, thorax 3 cm, abdomen 5 cm, and six legs. Four legs attach to the thorax and two attach to the abdomen. State whether the construction meets the lesson rules and explain why.

Task 2

On a 15 cm wide sheet, a student plans head 1.5 cm, thorax 2.5 cm, and abdomen 4 cm. They mark three attachment dots on each side of the thorax. The left dots span 2 cm and the right dots span 3 cm. Is the layout consistent with the planned thorax length? Explain.

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Original tasks 3, 4 / independent work

Task 3

A drawing shows three labeled segments and six legs, but the legs are drawn as single straight lines with no joints. The lesson convention defines a leg as one or more line segments with joints where segments meet. Does the drawing satisfy the leg construction convention? Explain.

Task 4

A student draws an insect with head 2 cm, thorax 3 cm, abdomen 6 cm, and six legs on the thorax. They label only the thorax and number the legs one to six. Does the drawing meet the labeling rubric? Explain.