Draw a Bug: Segmented Body and Leg Construction

Original task 1 / independent drawing and calculation

Task 1

Draw a bug using hypothetical units: head 1, thorax 2, abdomen 3. Place six legs on the thorax at three positions. Label H, T, and A, and number the legs 1 to 6.

Keep the original task measurements. Use the full drawing sheet in this PDF for a response needing more room; use the stated paper size when a task specifies larger paper.

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Original task 2 / independent drawing and calculation

Task 2

A drawing shows four legs on the thorax and two legs on the abdomen. State the minimum change needed to meet the six-leg thorax rule.

Keep the original task measurements. Use the full drawing sheet in this PDF for a response needing more room; use the stated paper size when a task specifies larger paper.

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Original task 3 / independent drawing and calculation

Task 3

Using hypothetical units, a bug has head 2, thorax 3, abdomen 4. How many units long is the body axis from the front of the head to the rear of the abdomen?

Keep the original task measurements. Use the full drawing sheet in this PDF for a response needing more room; use the stated paper size when a task specifies larger paper.

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Original task 4 / independent drawing and calculation

Task 4

A student draws six legs but only four joint dots. Describe the correction and the check that confirms it.

Keep the original task measurements. Use the full drawing sheet in this PDF for a response needing more room; use the stated paper size when a task specifies larger paper.

Full drawing sheet / reusable blank workspace

Reusable full drawing sheet for Tasks 1 to 4. Print another copy when needed. Keep all original task measurements; if a task specifies larger paper, use that paper size.