Draw a Bug: Segmented Body and Leg Construction

Ordinary topic reference / separately checked pixels



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Original worked example / unchanged complete key

Prompt: A student draws a bug with a head of 1 unit, a thorax of 2 units, and an abdomen of 3 units. They place two legs on the head, two on the thorax, and two on the abdomen. Identify the error and state the corrected leg placement.

Answer: The error is leg placement: legs must attach only to the thorax. The corrected drawing keeps six legs but places all six on the thorax using three positions, front, middle, and rear, with one leg on each side of each position. The body zones remain head 1 unit, thorax 2 units, and abdomen 3 units.