Ladybug Symmetry Drawing: Mirror Halves and Spot Placement

Topic reference / ordinary illustration



Ordinary topic reference. Hypothetical dimensions in the four tasks are supplied in their own text; this illustration is not their measured answer.

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Worked example / complete source key

A half-ladybug reference shows a body half-oval 4 cm tall and 3 cm wide at its widest point, measured from the axis. The head is a half-circle 1 cm tall centered on the axis. One spot is placed 2 cm from the axis and 3 cm from the top of the body, with a 1 cm diameter. Complete the right half and state the mirrored spot position.

Answer: The right half mirrors the left: body half-oval 4 cm tall and 3 cm wide from the axis, head half-circle 1 cm tall centered on the axis, and a spot 2 cm from the axis on the right and 3 cm from the top, with a 1 cm diameter. The spot pair is (2 cm left, 3 cm down, 1 cm) and (2 cm right, 3 cm down, 1 cm).