Draw an Upside-Down Bat: Grip, Hang Angle, and Folded Wings

Original task 1 / independent drawing and calculation

Task 1

A bat grips a bar at a point 5 cm from the left end of a 14 cm bar. The body hangs 7 cm below the bar. Where is the head if it sits 3 cm lower than the hips?

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

You draw two folded wings, each with 3 crease lines. How many crease lines appear in total, and what should the wing silhouette avoid?

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

A roost bar is 16 cm long. The grip point is 6 cm from the left end. How far is the grip point from the right end?

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 bat's body hangs 8 cm below the bar. The head is drawn 2 cm above the hips. Does the pose read as correctly inverted, and what should change?

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.