Draw a Figure Swinging Upside Down: Inverted Pose Construction

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

Construct a simple inverted swinging figure using a 4-unit torso, 3-unit thighs, and 3-unit lower legs. The pivot is at the top of the page. Describe the order and one balance check.

Answer: Draw a vertical balance line from the pivot. Sketch a curved torso midline hanging downward with a slight hip bend. Mark the torso baseline and midline, label x-height as 4 units. Place hip joints on the midline, measure 3 units from the hips toward the top of the page for the knees, then 3 units further toward the top of the page for the ankles. Draw the shoulder line across the torso, place elbows and wrists with short measured segments. Draw the head oval below the hips with the chin toward the top of the page. Balance check: the figure's center of mass should sit near the balance line; if it leans, adjust hip or shoulder angles rather than stretching limbs.