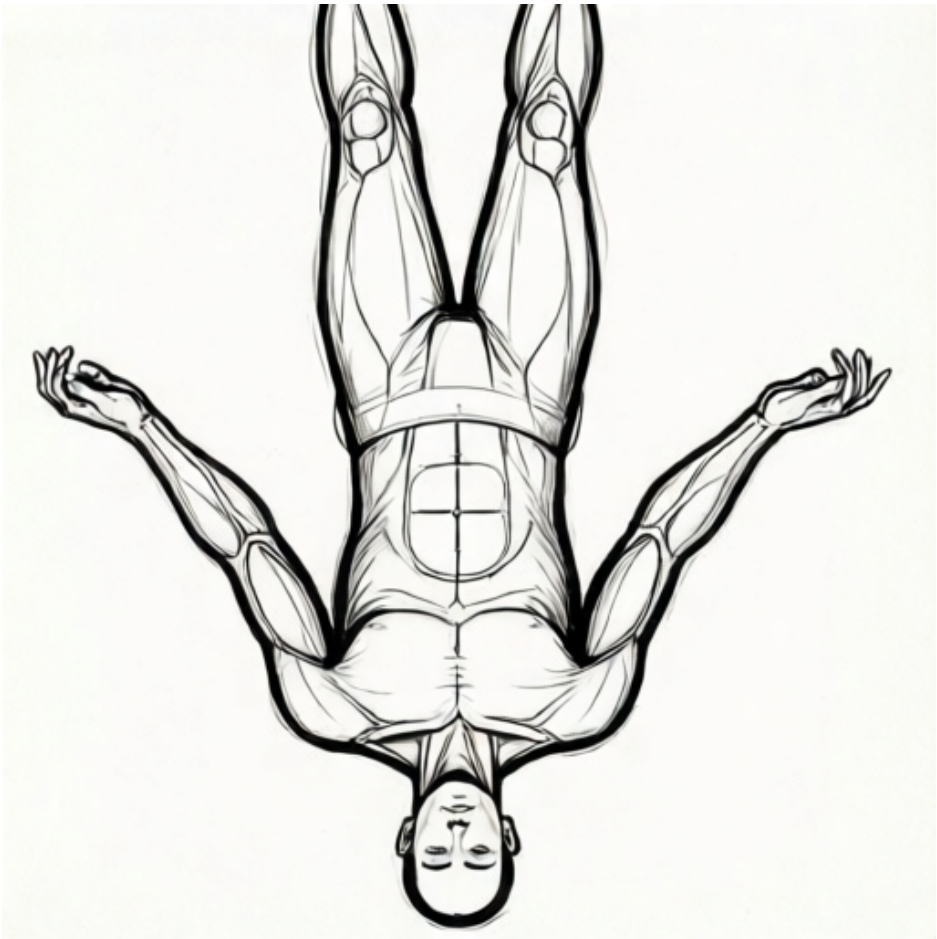
Draw an Upside-Down Person: Inverted Proportion and Balance Checks

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.

Draw an Upside-Down Person: Inverted Proportion and Balance Checks

Worked example / complete source key

A drawing zone is 10 cm tall. Using the eight-part convention, find the part length and the head, torso, and leg section heights. Then state one balance check with a hypothetical tolerance of 0.5 cm.

Answer: Part length = 10 cm divided by 8 = 1.25 cm. Head section = 2 parts = 2.5 cm. Torso section = 3 parts = 3.75 cm. Leg section = 3 parts = 3.75 cm. Sum check: 2.5 + 3.75 + 3.75 = 10 cm. Balance check: measure left and right shoulder distances from the center line; both should differ by no more than 0.5 cm.