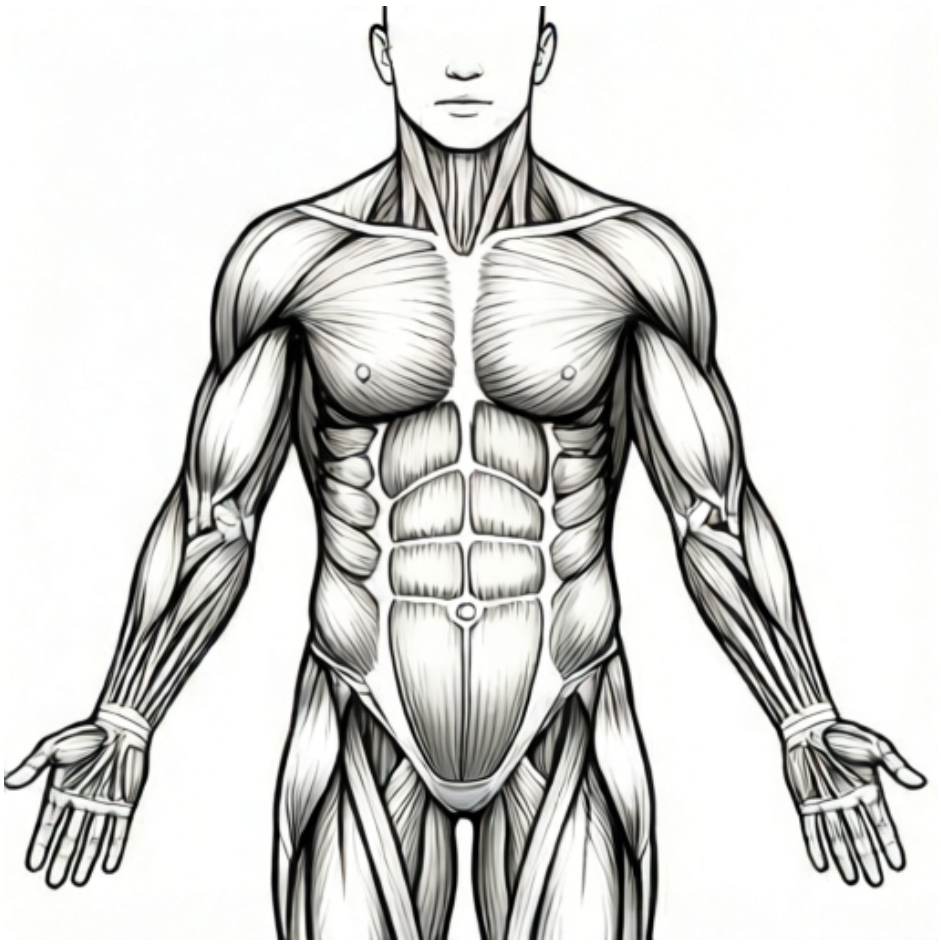
Drawing Arms: Joint Landmarks and Muscle Masses

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.

Drawing Arms: Joint Landmarks and Muscle Masses

Worked example / complete source key

Construct a straight arm using the unit convention. Upper arm length is 6 cm. Forearm is 0.85 units. Widths are 0.5, 0.35, and 0.2 units at shoulder, elbow, and wrist. Describe the construction and give the measured lengths and widths.

Answer: One unit equals 6 cm. Forearm length is 0.85 times 6 cm = 5.1 cm. Shoulder width is 0.5 times 6 cm = 3.0 cm. Elbow width is 0.35 times 6 cm = 2.1 cm. Wrist width is 0.2 times 6 cm = 1.2 cm. Mark shoulder, elbow, and wrist along a straight axis with upper arm 6 cm and forearm 5.1 cm. Draw width marks perpendicular at each landmark using the calculated widths, connect them into a tapered envelope, then place the deltoid triangle, two upper-arm ovals, and forearm wedge inside the envelope.