Ratio Checks for Arm and Leg Proportions in Figure Drawing

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.

Ratio Checks for Arm and Leg Proportions in Figure Drawing

Worked example / complete source key

A reference figure measures 20 cm from baseline to head midline. The arm from shoulder joint center to wrist crease is 8 cm. The leg from hip joint center to ankle bone is 10 cm. Compute the arm-to-body and leg-to-body ratios and state them as decimals to two places.

Answer: Arm ratio = 8 ÷ 20 = 0.40. Leg ratio = 10 ÷ 20 = 0.50. Record both in the self-check table with unit cm.