Draw a Skeleton with Joint and Limb Landmark 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.

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Worked example / complete source key

On hypothetical 24 cm paper, draw an 18 cm skeleton. Place joints using eight bands, draw limbs, and check upper arm length. Show the arithmetic and one correction.

Answer: Each band is 18 divided by 8, or 2.25 cm. Shoulders on band 2, hips on band 4, knees on band 6, ankles on band 8. Upper arm target is 1.5 bands, or 3.375 cm. Suppose the first upper arm measures 4.0 cm, a difference of 0.625 cm, which exceeds 0.5 cm. Move the elbow joint up by 0.6 cm and redraw; the new length is about 3.4 cm, which passes. Record the correction and label the elbow about one band above the hip band.