How to Draw Dinosaur Skeletons and Silhouettes: A Structured Guide

Ordinary topic reference / separately checked pixels



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Original worked example / unchanged complete key

Prompt: A student draws a spine line 12 cm long. The midpoint is at 6 cm. The hip joint is placed 4 cm behind the midpoint, and the shoulder joint is placed 4 cm in front. The skull is drawn 3 cm long, and the ribcage is 6 cm wide. The student traces a silhouette with a 1 cm margin. Check whether the skull and ribcage proportions are consistent with the hypothetical guideline that skull length is about half the ribcage width.

Answer: The skull is 3 cm and the ribcage is 6 cm. Half of 6 cm is 3 cm, so the skull length matches the guideline. The hip and shoulder joints are each 4 cm from the midpoint, which is about one-third of the 12 cm spine length (4 cm). The silhouette margin is 1 cm, which is a hypothetical example of one x-height. The proportions are consistent.