How to Draw a Digital Weighing Scale: Proportions, Display, and Platform

Ordinary topic reference / separately checked pixels



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Original worked example / unchanged complete key

Prompt: Sketch a digital scale on a 20 cm by 15 cm page using a body 12 cm wide and 4 cm tall, a centered display panel 6 cm by 2 cm, and a platform ellipse 10 cm wide and 3 cm tall centered 1 cm above the body top. Describe the placement and one check.

Answer: Place the body rectangle with its bottom edge 3 cm above the page bottom and centered horizontally. The display panel is centered on the front face with 3 cm margins left and right and 1 cm margins top and bottom. The platform ellipse center is on the vertical centerline 1 cm above the body top. Check: measure from the page left edge to the body left edge and from the body right edge to the page right edge; both should be 4 cm if the body is centered on a 20 cm page.