Dumpster Drawing: Front and Angled Views with Lid, Wheels, and Body Proportions

Ordinary topic reference / separately checked pixels



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Original worked example / unchanged complete key

Prompt: Draw a front-view dumpster with a partly open lid at about 30 degrees and two wheels. Use a body 12 cm wide and 8 cm tall. Wheel diameter 2 cm.

Answer: A front-view rectangle 12 cm by 8 cm. A hinge line along the top back edge. A lid panel attached to the hinge, tilted up about 30 degrees, with its front edge lifted above the body. Two wheel circles of 2 cm diameter centered near the lower front corners, each connected by a short axle line. A top rim and front lip added. The width is 1.5 times the height, the lid touches the hinge, and the wheels sit below the body.

Reason: The body ratio keeps the dumpster wide and stable. The lid angle is chosen and attached at the hinge so it does not float. Wheel diameter is one quarter of body height, which keeps the wheels proportionate and below the body.

Check: Measure width and height: 12 divided by 8 equals 1.5. Check the lid touches the hinge line. Check each wheel center is near a lower front corner and the wheel diameter is about 2 cm.