Mini Car Drawing: Compact Proportions and Wheel Placement

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.

Mini Car Drawing: Compact Proportions and Wheel Placement

Worked example / complete source key

A side-view mini car uses a wheel diameter of 2 cm. The wheelbase is 4 cm, total body length is 6 cm, and body height above the baseline is 3 cm. Check whether the proportions match the compact targets of about two wheel diameters for wheelbase and about three for total length.

Answer: Wheelbase ratio = 4 cm ÷ 2 cm = 2, which matches the target. Total length ratio = 6 cm ÷ 2 cm = 3, which matches the target. Body height ratio = 3 cm ÷ 2 cm = 1.5, which matches the suggested height. The proportions are consistent with the compact convention.