Scale Figures in Architectural Drawings: A Practical Guide

Original tasks 1, 2 / independent work

Task 1

At 1:50, a hypothetical 1.8 m person is drawn. What is the baseline-to-midline height in centimeters?

Task 2

A door on a 1:50 elevation is 4.2 cm tall. A figure is 3.5 cm tall. What is the figure-to-door ratio, and is the figure shorter than the door?

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Original tasks 3, 4 / independent work

Task 3

Two figures on the same flat elevation are drawn at 3.4 cm and 3.4 cm baseline-to-midline. A third figure is drawn at 3.0 cm. Which figure is inconsistent if all are meant to represent the same hypothetical height?

Task 4

A window sill is 1.8 cm above the baseline on a 1:50 drawing. A figure's shoulder line is at 2.8 cm. If the figure's total height is 3.4 cm, does the shoulder line sit above the sill?