Contour Drawing: Three-Drawer Dresser Essentials

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.

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Worked example / complete source key

A dresser front is 80 cm wide and 70 cm tall. The case margin is 5 cm on left, right, and top. Gaps between drawer fronts are 1 cm each. Legs are 10 cm tall and 3 cm wide. Calculate drawer front height and describe the contour sequence.

Answer: Drawer bank width = 80 - 5 - 5 = 70 cm. Drawer bank height = 70 - 5 = 65 cm. Two gaps total 2 cm, so combined drawer front height = 65 - 2 = 63 cm. Each drawer front height = 63 / 3 = 21 cm. Draw outer case 80 by 70 cm. Draw inner bank 70 by 65 cm, offset 5 cm from left, right, and top. Mark two horizontal gap lines 1 cm apart to create three 21 cm fronts. Draw front legs 3 cm wide and 10 cm tall at outer corners below the case. Check: 21 + 1 + 21 + 1 + 21 = 65 cm bank height; 70 + 5 + 5 = 80 cm width.