Pencil Pine Tree Drawing: Tiered Branches and Needle Strokes

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

On a 20 cm trunk divided into four 5 cm tiers, the lowest tier extends 6 cm each side and the next tier 4.5 cm each side. If each higher tier is 1.5 cm shorter per side than the one below, what is the total width of the top tier?

Answer: The top tier extends 1.5 cm each side, so its total width is 3 cm.

Reason: Tier widths per side: 6, 4.5, 3, 1.5 cm. The top tier is 1.5 cm per side, and total width is 1.5 + 1.5 = 3 cm.

Check: Subtract 1.5 cm three times from 6 cm to reach 1.5 cm, then double the per-side value.