Realistic Tree Drawing: Bark, Branch Taper, and Leaf-Mass Shading

Original task 1 / independent drawing and calculation

Task 1

Draw a trunk 24 mm wide at baseline and 16 mm wide at the first branch. Add five bark ridges that curve around the trunk edges. State the trunk taper ratio.

Keep the original task measurements. Use the full drawing sheet in this PDF for a response needing more room; use the stated paper size when a task specifies larger paper.

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Original task 2 / independent drawing and calculation

Task 2

Draw a branch from 10 mm at base to 2 mm at tip with a midpoint width of 6 mm. At a fork, the parent is 10 mm wide; child bases are 6 mm and 5 mm. Check whether the children are slightly narrower than the parent.

Keep the original task measurements. Use the full drawing sheet in this PDF for a response needing more room; use the stated paper size when a task specifies larger paper.

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Original task 3 / independent drawing and calculation

Task 3

Shade one leaf mass using three tones. The mass is 40 mm wide and 30 mm high. State where the light, middle, and dark tones go, and give one check that the mass reads as a group.

Keep the original task measurements. Use the full drawing sheet in this PDF for a response needing more room; use the stated paper size when a task specifies larger paper.

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Original task 4 / independent drawing and calculation

Task 4

Combine a trunk 20 mm wide at baseline and 14 mm at first branch with two branches tapering from 8 mm to 2 mm. Place leaf masses over branch tips. State one arithmetic check and one placement check.

Keep the original task measurements. Use the full drawing sheet in this PDF for a response needing more room; use the stated paper size when a task specifies larger paper.

Full drawing sheet / reusable blank workspace

Reusable full drawing sheet for Tasks 1 to 4. Print another copy when needed. Keep all original task measurements; if a task specifies larger paper, use that paper size.