Draw a Forest Scene: Tree Trunk and Canopy Construction

Original tasks 1, 2, 3, 4 / complete keys

Task 1

Construct a single tree with trunk height 6 units and canopy width 4 units. Use three canopy shapes.

Answer: A tapered trunk 6 units tall with three overlapping canopy shapes about 4 units wide.

Reason: The trunk is drawn from baseline to midline, and the canopy cluster sits above it with three overlaps.

Check: Measure trunk height and canopy width; count three canopy shapes and confirm taper.

Task 2

Place two foreground trees and two background trees. Ensure each foreground tree overlaps one background tree.

Answer: Two larger trees low on the page overlapping two smaller trees near the top.

Reason: Foreground trees are larger and lower; background trees are smaller and higher; overlaps show depth.

Check: Count overlaps: each foreground tree should cover part of a background tree.

Task 3

Draw a midground tree with four canopy shapes and a trunk height of 5 units. Add one root flare.

Answer: A medium tree with a 5-unit tapered trunk, one root flare, and four overlapping canopy shapes.

Reason: Midground trees use four shapes and medium size; the root flare grounds the trunk.

Check: Count four canopy shapes, measure trunk height, and confirm one root flare.

Task 4

Create a three-layer forest with three foreground, three midground, and three background trees. Use five, four, and three canopy shapes respectively.

Answer: Nine trees arranged in three layers with decreasing size and canopy shape counts.

Reason: Layer placement and shape counts create readable depth without shading.

Check: Verify layer sizes, count canopy shapes per layer, and confirm at least one overlap between adjacent layers.

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Source rubric / reflection

- [ ] Trunk tapers from baseline upward.
- [ ] Canopy uses three to five overlapping rounded shapes.
- [ ] Foreground, midground, and background trees are distinct in size and placement.
- [ ] At least one overlap occurs between each layer.
- [ ] Construction lines are erased and outlines are clear.
- [ ] Valid alternatives are accepted if the convention is followed and the scene is readable.

Reflection: What did you check, what did you change, and what will you try next?