Rue Flower Drawing: Small Bloom Clusters and Lobed Leaves

Original task 1 / independent drawing and calculation

Task 1

On a 15 cm by 20 cm sheet, draw a main stem 10 cm long with two nodes at 3 cm and 7 cm from the base. Add opposite leaf pairs spanning 2.5 cm at each node and one bloom cluster of four 3 mm circles at the tip. Compute the cluster-to-leaf 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 three bloom clusters along a side branch. Each cluster has five circles of 2.5 mm diameter. Measure center-to-center spacing and confirm no unintended overlap if each cluster is about 10 mm wide and centers are 18 mm apart.

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

Draw a lobed leaf 14 mm long and 8 mm wide with three shallow cuts per side. Attach it by a 6 mm stalk to a node. Then draw the opposite leaf with two cuts per side. Check that no cut crosses the center line.

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

Draw a complete rue sprig with a 12 cm main stem, three nodes at 3 cm intervals, opposite leaf pairs spanning 3 cm, and two bloom clusters of six 2 mm circles. Compute the cluster-to-leaf ratio and state whether it falls within the hypothetical 0.33 to 0.5 range.

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.