Draw a Wilted Flower: Drooping Stem, Curled Petals, Fallen Petal Practice

Original tasks 1, 2, 3 / complete keys

Task 1

A practice plate uses a 12 mm x-height unit. The head centre is 5 units above the baseline and 2 units left of the stem base. Calculate the head height and horizontal offset in millimetres.

Answer: Head height = 5 x 12 mm = 60 mm. Horizontal offset = 2 x 12 mm = 24 mm to the left.

Reason: Multiply the number of units by the unit size. The left direction is stated so the offset is checkable.

Check: Re-multiply 5 by 12 and 2 by 12; confirm both answers use millimetres and the offset direction is left.

Task 2

A stem base is at 0 mm on the baseline and the head centre is 45 mm above it. The stem curve midpoint is halfway up. State the midpoint height and explain one check that the droop is smooth.

Answer: Midpoint height = 45 mm / 2 = 22.5 mm above the baseline. Check smoothness by confirming the curve has no sharp corner at the midpoint and that the stem width stays consistent on both sides.

Reason: Half of 45 mm is 22.5 mm. Smoothness is a visual check tied to the rubric, not a fixed numerical tolerance.

Check: Measure 22.5 mm from the baseline to the midpoint mark; then trace the stem edges to confirm no corner.

Task 3

A plate has three fallen petals on the baseline at 15 mm, 30 mm and 50 mm right of the stem base. The x-height unit is 10 mm. Convert each position to x-height units and state whether the spacing is even.

Answer: Positions are 1.5, 3.0 and 5.0 x-height units. Spacing is 1.5 units between the first two and 2.0 units between the last two, so it is not even.

Reason: Divide each millimetre value by 10 mm. Compare the gaps: 3.0 minus 1.5 equals 1.5; 5.0 minus 3.0 equals 2.0.

Check: Re-divide each value by 10 and subtract consecutive positions to confirm the two gaps differ.

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Original tasks 4 / complete keys

Task 4

A head has five petals. Two tips curl inward, one hangs downward, and two point outward. Using the rubric, state whether the curl requirement is met and what one improvement would be.

Answer: The curl requirement is met because at least two tips curl back toward the stem. One improvement is to curl one outward-pointing tip inward so the head reads more limp.

Reason: The rubric requires at least two inward-curling tips and at least one downward petal; both are present. The improvement is optional but strengthens the wilted look.

Check: Count inward-curling tips and downward petals against the rubric; confirm the count is at least two and at least one.

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Source rubric / reflection

- [ ] Stem shows a clear bend with no sharp corner and consistent width.
- [ ] Head centre is offset from the stem base by a measurable amount in the chosen unit.
- [ ] At least two petal tips curl back toward the stem.
- [ ] At least one petal hangs downward.
- [ ] Two or three fallen petals are separate from the stem and sit near the baseline.
- [ ] All measurements use one stated unit; valid alternative side choices are accepted.

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