# High-Angle Female Figure Drawing: Foreshortening and Head Tilt

Original tasks 1, 2, 3 / complete keys

Task 1

A figure has axis gaps of 5 units from head to shoulder, 4 from shoulder to hip, and 3 from hip to knee. What should the knee-to-ankle gap be to continue the decreasing pattern?

Answer: 2 units.

Reason: The gaps decrease by 1 unit each time: 5, 4, 3, so the next gap is 2. This keeps the foreshortening consistent.

Check: Subtract 1 from the previous gap and confirm the sequence is strictly decreasing.

Task 2

You draw a head oval with the chin at the baseline and the eye line at the midline. The chin-to-eye distance is 3 units and the eye-to-top distance is 5 units. Is the head tilting down or up?

Answer: Down.

Reason: For a downward tilt, the chin-to-eye distance is shorter than the eye-to-top distance. Here 3 is less than 5, so the head tilts down.

Check: Compare the two distances; if chin-to-eye is shorter, the tilt is down.

Task 3

A sketch shows the hips overlapping the chest and the chest overlapping the shoulders. What is wrong, and how do you fix it?

Answer: The overlap order is reversed for a high angle. Fix it by drawing the head on top, then shoulders over chest, and chest over hips.

Reason: In a high-angle view, closer forms overlap farther forms. The head and shoulders are closest, so they should be on top.

Check: List the overlap order from top to bottom and confirm it matches head, shoulders, chest, hips.

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Original tasks 4 / complete keys

Task 4

You want to show a female figure from above with the head tilted to the viewer's right. Describe where to place the ears and eyes using the baseline-to-midline convention.

Answer: Tilt the oval to the viewer's right, move the right ear up and the left ear down, and place the eyes on the midline shifted toward the chin. Check that the chin-to-eye distance is shorter than the eye-to-top distance.

Reason: The tilt direction determines which ear rises. Shifting the eyes toward the chin shows the downward face angle.

Check: Confirm the ear heights match the tilt direction and the chin-to-eye distance is shorter than the eye-to-top distance.

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Source rubric / reflection

- [ ] The vertical axis shows decreasing gaps from head to feet.
- [ ] Each lower form is smaller than the form above it.
- [ ] Overlap order is consistent: head over shoulders, shoulders over chest, chest over hips.
- [ ] The head tilt is clear and the chin-to-eye distance is shorter than the eye-to-top distance.
- [ ] The figure reads as female and as seen from a high angle.
- [ ] Valid alternatives in ear shape, hair, and facial features are accepted if the tilt and foreshortening logic hold.

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