Male Anime Base: Head-Unit Ratio and Limb Block-In

Original tasks 1, 2, 3 / complete keys

Task 1

A male anime base is six head units tall. One head unit is 4 cm. Calculate the total height and state where the chest box should sit if it spans the second to third unit boundaries.

Answer: Total height is 24 cm. The chest box sits between the second and third unit boundaries, measured downward from the skull midline.

Reason: Six units times 4 cm equals 24 cm. Unit boundaries are counted downward from the skull midline, so the second boundary is 8 cm below the midline and the third is 12 cm below.

Check: Measure the total height and compare with 24 cm; step one 4 cm unit down twice to confirm the chest box top and bottom.

Task 2

A student draws a chest box wider at the waist than at the shoulders and places the pelvis box above the chest box. Describe two corrections using block-in logic.

Answer: Taper the chest box so the top is wider than the bottom, and move the pelvis box below the chest box between the third and fourth unit boundaries.

Reason: The chest box should suggest a wider upper torso, and the pelvis sits lower in the body sequence. Correcting width and vertical order restores the block-in structure.

Check: Compare the chest box top and bottom widths, then check that the pelvis box top is below the chest box bottom without a large gap.

Task 3

For a relaxed standing pose, the elbow is near the third unit boundary and the wrist near the fourth. If one head unit is 3.5 cm, how far below the skull midline is the wrist boundary?

Answer: The wrist boundary is 14 cm below the skull midline.

Reason: The fourth unit boundary is four head units below the skull midline. Four times 3.5 cm equals 14 cm.

Check: Step four 3.5 cm units down the center line and confirm the fourth mark aligns with the wrist boundary.

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Original tasks 4 / complete keys

Task 4

A base is drawn with seven head units, but the left thigh box is one unit long and the right thigh box is half a unit long in a symmetric pose. State the likely error and one correction.

Answer: The right thigh box is too short for a symmetric pose. Lengthen it to match the left thigh box and recheck the knee landmark against the fifth unit boundary.

Reason: Symmetric poses should have similar limb box lengths. A half-unit difference suggests a misplaced knee or an uneven unit step.

Check: Compare both thigh box lengths against the same head-unit boundaries and measure each from hip to knee.

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Source rubric / reflection

- [ ] Head-unit count is stated and consistently stepped along the center line.
- [ ] Skull midline and chin baseline are used as the unit references, not hair volume.
- [ ] Chest and pelvis boxes are centered and tapered appropriately.
- [ ] Arm and leg boxes connect at joints and are similar in length for symmetric poses.
- [ ] Total height check uses unit count times unit length with consistent units.
- [ ] Valid alternatives in shoulder width, limb angle, and facial style are accepted if proportion and alignment checks pass.

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