Dragon Anatomy Drawing: Label Skeletal and Wing Structure

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

Task 1

On your plate, the torso oval is 9 cm long and the neck line is 4 cm long along the baseline. Record the combined length in centimeters.

Answer: 13 cm.

Reason: Add the two baseline lengths: 9 + 4 = 13.

Check: Measure both lengths with a ruler and add them; confirm the sum matches the recorded value.

Task 2

Your leading wing strut measures 7 cm and your trailing strut measures 4 cm. What is the strut difference in centimeters?

Answer: 3 cm.

Reason: Subtract the shorter strut from the longer: 7 - 4 = 3.

Check: Measure both struts from the attachment dot and subtract; confirm the difference is 3 cm.

Task 3

You have thirteen numbered labels: five body regions, four skeletal landmarks, and four wing labels. If you remove one body-region label, how many labels remain?

Answer: Twelve labels.

Reason: Thirteen minus one equals twelve.

Check: Count the numbered dots on the plate and confirm the total is twelve.

Task 4

A practice diagram has a torso oval 8 cm long, a tail taper 5 cm long, and a neck line 3 cm long. Record the total baseline length and state one checkable difference between the torso and tail lengths.

Answer: Total baseline length is 8 + 5 + 3 = 16 cm. The torso-tail difference is 8 - 5 = 3 cm.

Reason: Add all three baseline lengths for the total; subtract the tail from the torso for the difference.

Check: Measure each segment with a ruler, add for the total, and subtract for the difference; confirm both values match the recorded numbers.

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Source rubric / reflection

- [ ] Body regions: five regions labeled with one leader line each touching the outline once.
- [ ] Skeletal landmarks: spine, shoulder joint, hip joint, and rib lines marked with dots and labeled.
- [ ] Wing structure: leading strut, trailing strut, attachment circle, and membrane edge labeled.
- [ ] Leader lines: straight, uncrossed, and each ends at exactly one dot.
- [ ] Lettering convention: x-height from baseline to midline is consistent; baselines are parallel.
- [ ] Measurements: at least three lengths recorded in centimeters with one checkable difference.
- [ ] Valid alternatives: clear attachment variation is accepted if the key explains it.

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