Fursuit Drawing: Head, Paws, and Suit Proportions

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

Task 1

A head has a midline height of 2 units from baseline to midline and a crown height of 3 units above the midline. What is the total head height?

Answer: 5 units.

Reason: Add the midline height and the crown height: 2 + 3 = 5.

Check: Re-add the two stated values and confirm the sum is 5 units.

Task 2

A paw palm is 4 units wide and 2 units high. A wrist cuff is 3 units wide. Is the cuff narrower than the palm as required?

Answer: Yes, 3 units is less than 4 units.

Reason: Compare the cuff width to the palm width using the same unit.

Check: Confirm both widths are in the same unit and that 3 < 4.

Task 3

A suit plan uses upper arm 3 units, forearm 2 units, and paw 1 unit. The planned total limb length is 6 units. Is the plan consistent?

Answer: Yes, because 3 + 2 + 1 = 6 units.

Reason: Add the segment lengths and compare to the planned total.

Check: Re-add the three segments and confirm the sum equals 6 units.

Task 4

A drawing uses a head height of 6 units and a torso of 4 units. A second drawing of the same suit uses a head height of 3 units. What torso value keeps the same ratio?

Answer: 2 units.

Reason: The ratio is 4 to 6, or 2 to 3. Scaling the head to 3 units gives a torso of 2 units.

Check: Check that 4/6 equals 2/3 and that both values use the same unit.

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Source rubric / reflection

- [ ] Head guide includes centerline, midline, and baseline with a stated midline height.
- [ ] Muzzle is attached as a forward mass below the eye line.
- [ ] Both paws use a palm block, four digit blocks, and a thumb block.
- [ ] Digit lengths follow a stated convention repeated on both paws.
- [ ] Wrist cuff is narrower than the palm.
- [ ] One unit is labeled and used for all suit measurements.
- [ ] Segment sums are checked against planned totals.
- [ ] Valid alternatives are accepted when construction rules and measurements are consistent.

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