Chibi Cat Drawing: Oversized Head, Tiny Body Construction Guide

Original tasks 1, 2, 3 / complete keys

Task 1

A head circle has H = 5 cm. A learner draws a body height of 4.5 cm. Is this inside the guide's 0.6H to 0.9H range? Show the arithmetic.

Answer: Yes. 4.5 cm divided by 5 cm equals 0.9H, which is exactly the inclusive upper boundary of the 0.6H to 0.9H range, so it is inside the range. Only a body height greater than 4.5 cm would fail.

Reason: The range is 0.6H to 0.9H. Multiply 5 cm by 0.6 to get 3 cm and by 0.9 to get 4.5 cm. The body height equals the upper limit, so it passes only at the boundary.

Check: Recompute 5 times 0.9 and compare to 4.5. Then confirm the body is not drawn larger than 4.5 cm.

Task 2

H = 6 cm. Ear tips are planned 1.5 cm above the head circle. Using the hypothetical 0.25H convention, is this correct?

Answer: Yes. 0.25 times 6 cm equals 1.5 cm, so the ear tip height matches the convention.

Reason: Multiply H by 0.25 to find the example ear tip height. The planned value equals the result, so the ear placement passes.

Check: Measure the vertical distance from the top of the head circle to each ear tip and compare both to 1.5 cm.

Task 3

A drawing has H = 4 cm and eye marks separated by 1.6 cm. The guide suggests about 0.35H. Is the spacing close enough, and by how much does it differ?

Answer: The suggested spacing is 1.4 cm. The drawing is 0.2 cm wider than the suggestion, so it is close but slightly wide.

Reason: 0.35 times 4 cm equals 1.4 cm. Subtract 1.4 cm from 1.6 cm to get 0.2 cm. The difference is small, so the drawing can pass if the face still reads clearly.

Check: Measure the distance between eye centers, compute 0.35H, and subtract to find the difference.

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Original tasks 4 / complete keys

Task 4

H = 3 cm. A learner draws legs 1.2 cm long and a tail 1.5 cm long. Using the hypothetical 0.25H leg and 0.5H tail conventions, which value is off and by how much?

Answer: The legs are off. The suggested leg length is 0.75 cm, so 1.2 cm is 0.45 cm too long. The tail at 1.5 cm equals 0.5H and is correct.

Reason: 0.25 times 3 cm equals 0.75 cm for legs. 1.2 minus 0.75 equals 0.45 cm. For the tail, 0.5 times 3 cm equals 1.5 cm, which matches.

Check: Measure each leg and the tail, compute the suggested values from H, and compare the differences.

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Source rubric / reflection

- [ ] Head circle diameter H is clearly larger than the body height.
- [ ] Body height is between 0.6H and 0.9H, with measurements shown or stated.
- [ ] Ear bases sit on the upper half of the head circle and ears are balanced.
- [ ] Eyes are placed near the midline with spacing close to 0.35H.
- [ ] Nose and mouth are simple and readable inside the lower head area.
- [ ] Legs and tail are short relative to H, and no limb exceeds body height.
- [ ] Construction marks are light or erased after the proportion check.
- [ ] Valid style alternatives are accepted if placement and ratio checks pass.

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