Drawing Heads: A Construction Guide for Feature Placement

Original tasks 1, 2 / complete keys

Task 1

Draw a front-view head outline 10 cm tall. Mark the halfway eye line, a brow line at 3.5 cm from the top, and a nose line at 7.5 cm from the top. Label these as hypothetical examples. Check that top-to-eye equals eye-to-chin.

Answer: Eye line at 5 cm; top-to-eye 5 cm and eye-to-chin 5 cm. Brow at 3.5 cm and nose at 7.5 cm are hypothetical choices. The check passes if both distances measure 5 cm.

Reason: The halfway point divides 10 cm into two 5 cm sections. The brow and nose lines are placed above and below the eye line as examples. Measuring confirms the eye line is centered.

Check: Use a ruler to measure top-to-eye and eye-to-chin. If both are 5 cm, placement is consistent. Adjust if they differ by more than a small amount.

Task 2

On a head outline 12 cm tall, place eyes 2 cm wide with a 2 cm gap. The eye line is at 6 cm. Check eye spacing and symmetry by measuring each eye's distance from the center line.

Answer: Each eye should be centered 2 cm from the center line if the gap is 2 cm and eye width is 2 cm. Measure from the center line to the inner edge of each eye; both should be 1 cm. The outer edges should be 3 cm from the center line.

Reason: A 2 cm gap means 1 cm on each side of the center line. A 2 cm eye width adds 2 cm outward, so the outer edge is 3 cm from the center. Symmetry requires equal distances on both sides.

Check: Measure center-to-inner-edge and center-to-outer-edge for both eyes. Compare left and right; adjust until they match.

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Original tasks 3, 4 / complete keys

Task 3

A head is 14 cm tall. The eye line is at 7 cm, the nose line at 10.5 cm, and the mouth line at 12 cm. Check the order and spacing of these lines. State whether the mouth is between the nose line and chin.

Answer: Order from top: eye line 7 cm, nose line 10.5 cm, mouth line 12 cm, chin 14 cm. The mouth is between the nose line and chin. Spacing: eye-to-nose 3.5 cm, nose-to-mouth 1.5 cm, mouth-to-chin 2 cm. These are hypothetical values; measure to confirm.

Reason: The lines must appear in a logical order. The mouth should sit below the nose base and above the chin. Simple subtraction gives the gaps.

Check: Measure each line's distance from the top and subtract to find gaps. Confirm the mouth is below the nose line and above the chin.

Task 4

Draw a head outline 8 cm tall. Place the eye line at 4 cm and the brow line at 2.5 cm. Draw eyes 1.5 cm wide with a 1.5 cm gap. Check that the brow line is above the eye line and that eye spacing matches the one-eye-width convention.

Answer: Eye line at 4 cm is halfway. Brow at 2.5 cm is above the eye line. Eye width 1.5 cm and gap 1.5 cm match the convention. Each eye's inner edge is 0.75 cm from the center line; outer edge is 2.25 cm from the center line.

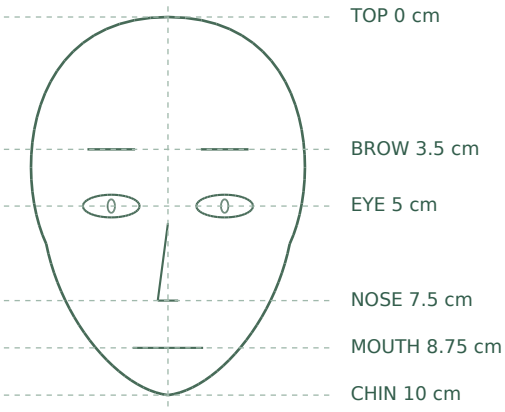
Reason: Half of 8 cm is 4 cm. The brow at 2.5 cm is above. A 1.5 cm gap gives 0.75 cm per side; adding 1.5 cm eye width gives 2.25 cm to the outer edge.

Check: Measure brow-to-eye distance (1.5 cm) and eye gap and width. Compare left and right distances from the center line to confirm symmetry.

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Task 1 / answers

Head construction / labelled distances are measured down from the top / print scale 1:2

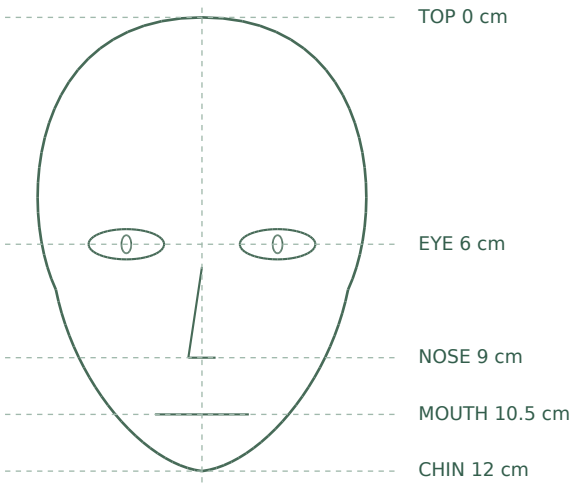


Top to eye 5 cm; eye to chin 5 cm. Brow 3.5 cm and nose 7.5 cm are the source hypothetical placements.

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Task 2 / answers

Head construction / labelled distances are measured down from the top / print scale 1:2

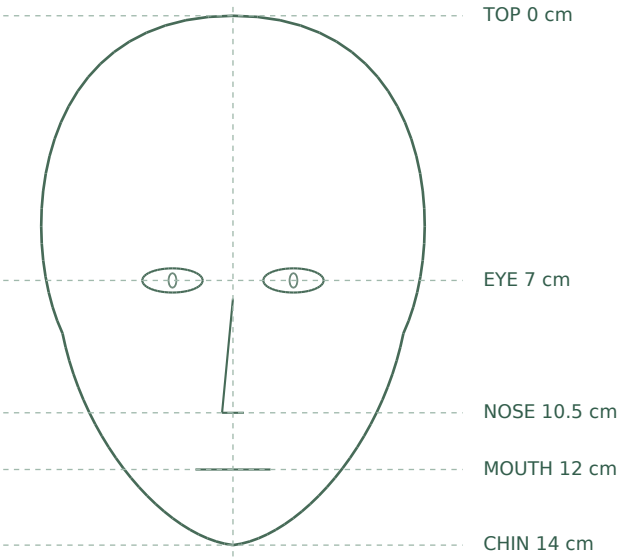


Eye width 2 cm / gap 2 cm. Inner edges lie 1 cm from center; outer edges 3 cm from center.

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Task 3 / answers

Head construction / labelled distances are measured down from the top / print scale 1:2

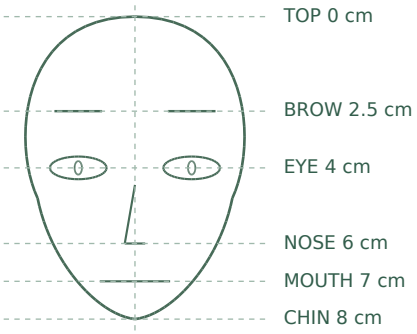


Order and gaps: eye-to-nose 3.5 cm; nose-to-mouth 1.5 cm; mouth-to-chin 2 cm. The mouth lies between nose and chin.

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Task 4 / answers

Head construction / labelled distances are measured down from the top / print scale 1:2



Eye width 1.5 cm / gap 1.5 cm. Inner edges lie 0.75 cm from center; outer edges 2.25 cm from center.

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Source rubric / reflection

- [ ] Cranium and jaw are distinct and connected; jaw narrows toward the chin.
- [ ] Vertical center line is present and features are centered on it.
- [ ] Horizontal guide lines for brow, eyes, nose, and mouth are marked and labeled.
- [ ] Feature placement follows the chosen convention or documented adjustments.
- [ ] Measurements are consistent in units and checked with simple arithmetic.
- [ ] Valid alternatives are accepted if guide lines and measurements support them.

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