Animal Eye Drawing: Pupil Shapes and Highlight Placement

Original tasks 1, 2 / complete keys

Task 1

Draw an eye oval 5 cm wide and 3 cm tall. Add a horizontal slit pupil 2.5 cm wide and 0.8 cm tall, centered. Draw an iris ring 0.4 cm outside the pupil. Place a highlight dot 0.2 cm across at the upper right of the iris ring. Label the pupil shape and highlight position.

Answer: Eye oval 5 cm by 3 cm; horizontal slit pupil 2.5 cm by 0.8 cm centered; iris ring gap 0.4 cm even at four points; highlight dot 0.2 cm across at upper right on the iris ring; labels: horizontal slit, upper-right highlight.

Reason: The pupil is wider than tall, so it is a horizontal slit. The highlight is placed on the iris ring at the upper right, matching the stated position. The gap is checked at four points to keep the ring even.

Check: Measure the pupil width and height (2.5 cm and 0.8 cm). Measure the iris gap at top, bottom, left, and right; each should be about 0.4 cm. Confirm the highlight dot is on the ring, not the pupil, and is about 0.2 cm across.

Task 2

Draw the same eye oval 5 cm wide and 3 cm tall three times. Use a round pupil 1.2 cm in diameter in all three. Place the highlight dot 0.2 cm across at upper left in the first, lower left in the second, and lower right in the third. Label each highlight position.

Answer: Three eye ovals 5 cm by 3 cm; round pupil 1.2 cm diameter centered in each; iris ring gap 0.4 cm; highlight dots 0.2 cm across at upper left, lower left, and lower right respectively; labels match positions.

Reason: Only the highlight position changes, so the comparison isolates placement. The round pupil stays the same size and position in all three trials.

Check: Confirm all three pupils are 1.2 cm across and centered. Check that each highlight dot is on the iris ring and that the three positions are distinct. Verify labels match the drawn positions.

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Original tasks 3, 4 / complete keys

Task 3

Draw an eye oval 6 cm wide and 4 cm tall with a vertical slit pupil 1 cm wide and 3 cm tall, centered. Draw the iris ring 0.5 cm outside the pupil. Place a highlight dot 0.3 cm across at the lower left of the iris ring. Then draw a second eye oval the same size with a round pupil 1.5 cm in diameter and the same highlight position. Label both.

Answer: First eye: vertical slit 1 cm by 3 cm, iris gap 0.5 cm, highlight 0.3 cm at lower left. Second eye: round pupil 1.5 cm diameter, iris gap 0.5 cm, highlight 0.3 cm at lower left. Labels: vertical slit, lower-left highlight; round, lower-left highlight.

Reason: The two drawings share the same eye oval, iris gap, and highlight position, so the pupil shape is the only major difference. This supports comparison of pupil shapes under the same highlight condition.

Check: Measure both eye ovals (6 cm by 4 cm). Measure the vertical slit (1 cm by 3 cm) and the round pupil (1.5 cm diameter). Check the iris gap is about 0.5 cm at four points in both. Confirm both highlight dots are 0.3 cm across and at lower left on the iris ring.

Task 4

Draw an eye oval 4 cm wide and 3 cm tall. Choose either a vertical slit pupil 0.8 cm wide and 2 cm tall or a horizontal slit pupil 2 cm wide and 0.8 cm tall. Draw the iris ring 0.3 cm outside the pupil. Place a highlight dot 0.2 cm across at upper left. State which pupil shape you chose and why the highlight position is consistent with light from the upper left.

Answer: Eye oval 4 cm by 3 cm; chosen pupil shape drawn to the stated dimensions and centered; iris ring gap 0.3 cm; highlight dot 0.2 cm across at upper left on the iris ring; statement names the chosen pupil shape and explains that upper-left highlight matches light from the upper left.

Reason: The task allows either slit orientation, so the choice is valid if drawn clearly and labeled. The highlight position is justified by the imagined light direction, which is a convention rather than a rule.

Check: Confirm the eye oval is 4 cm by 3 cm. Measure the chosen pupil against its stated dimensions. Check the iris gap is about 0.3 cm at four points. Verify the highlight is on the iris ring at upper left and that the written statement names the pupil shape and links the highlight to upper-left light.

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Source rubric / reflection

- [ ] Eye oval is closed and roughly horizontal.
- [ ] Pupil shape is clearly one of: vertical slit, horizontal slit, or round.
- [ ] Iris ring gap is even within about 0.2 cm at four measured points.
- [ ] Highlight is a single small dot on the iris ring, not on the pupil.
- [ ] Highlight position is stated and matches the drawing.
- [ ] Labels name the pupil shape and highlight position.
- [ ] Valid alternatives (dash or crescent highlight, off-center pupil if stated) are accepted when consistent and labeled.

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