Draw Hands Holding a Phone: Grip, Thumb Placement, and Finger Wrap

Original tasks 1, 2, 3 / complete keys

Task 1

A left hand holds a phone rectangle 6 cm wide and 12 cm tall. The palm is at the lower-right corner. Describe where the thumb pad and three finger arcs should go.

Answer: Thumb pad on the front face near the lower-right, angled toward the upper-left and overlapping the edge. Three finger arcs on the back, starting at the far edge and curving toward the palm side, with the index highest.

Reason: Mirroring the right-hand layout keeps the thumb on the front and fingers on the back. The palm corner determines the grip axis.

Check: Trace palm, thumb, and finger contacts. Confirm the thumb overlaps the front edge and arcs curve toward the palm side.

Task 2

A phone rectangle is tilted 10 degrees clockwise. The right-hand palm is at the lower-left. Describe how to adjust the grip axis and finger arcs.

Answer: Tilt the grip axis 10 degrees clockwise from the palm corner to the opposite corner. Tilt the finger arcs with the rectangle, keeping them parallel to the grip axis and stacked with the index highest.

Reason: The grip axis and finger arcs must follow the phone tilt so the hand does not look detached from the rectangle.

Check: Check that the grip axis and arcs share the same tilt and that the thumb still overlaps the front edge.

Task 3

A drawing shows four straight lines across the back of the phone and the thumb floating outside the rectangle. Identify two fixes.

Answer: Replace the straight lines with shallow arcs curving toward the palm side, and move the thumb pad onto the front face so it overlaps the edge.

Reason: Straight lines do not show finger wrap, and a floating thumb breaks the grip contact.

Check: Confirm each arc starts at the far edge and curves inward, and that the thumb base connects to the palm mass.

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Original tasks 4 / complete keys

Task 4

A right hand holds a phone 7 cm wide. The thumb tip is 2 cm from the upper-right corner. The wrist line crosses the rectangle. Describe one correction and one check.

Answer: Redraw the wrist line from the palm corner so it stays outside the rectangle. Check that the thumb tip remains on the front face and that the wrist connects to the palm without crossing the phone.

Reason: The wrist supports the grip but should not overlap the phone body. The thumb placement stays valid if it remains on the front face.

Check: Trace the wrist from palm corner outward and confirm no part crosses the rectangle.

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Source rubric / reflection

- [ ] Phone rectangle is clear and labeled with chosen measurements.
- [ ] Grip axis connects palm corner to opposite corner.
- [ ] Thumb pad sits on the front face and overlaps the edge.
- [ ] Finger-wrap arcs curve toward the palm side and are stacked.
- [ ] Wrist line connects to the palm and does not cross the rectangle.
- [ ] Valid alternatives are accepted if contact points and proportions remain readable.

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