Draw an Actual-Size Cat Paw Print: Pad and Toe Geometry

Ordinary topic reference / separately checked pixels



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Original worked example / unchanged complete key

Prompt: Using the hypothetical example, draw an actual-size cat paw print with a 40 mm width and 45 mm height. Main pad 20 mm by 15 mm; toe pads 10 mm by 12 mm; toe centers at 12 mm and 15 mm from center, 25 mm above main pad top; claw marks 3 mm long with 2 mm gap. Then check symmetry and record measurements.

Answer: Draw a center line and baseline. Center the 20 mm by 15 mm main pad on the baseline. Mark toe centers at 12 mm left and right (inner) and 15 mm left and right (outer), all 25 mm above the main pad top. Draw 10 mm by 12 mm ovals around each center. Add 3 mm claw marks 2 mm beyond each toe tip. Measure: left and right inner toe centers are both 12 mm; outer are both 15 mm; all toe centers are 25 mm above the main pad top. Total width including outer toes is 15 + 15 + 10 = 40 mm, matching the stated 40 mm width. Record all values with units and label them as hypothetical examples. Check symmetry by measuring each toe center from the center line; left and right pairs should match within 1 mm.