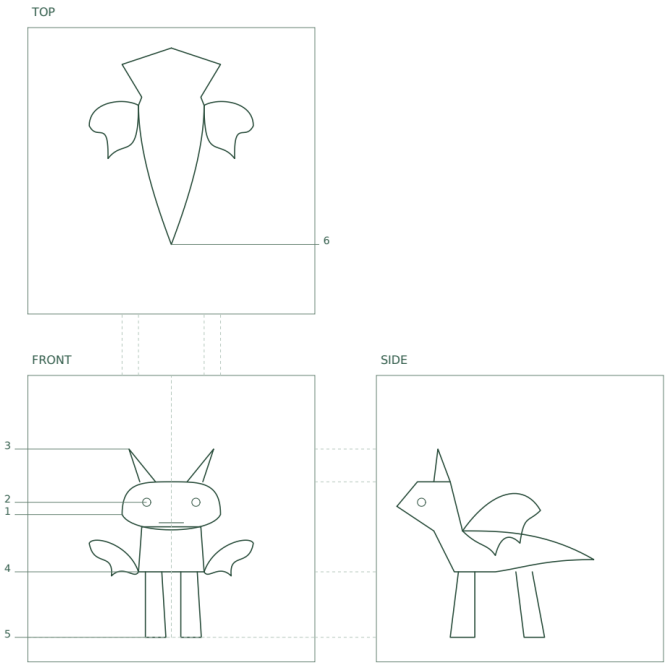
Dragon Orthographic Drawing: Three-View Projection Lesson

Ordinary topic reference / separately checked pixels

Three aligned orthographic dragon views / selected unit conversions, not anatomy standards



1 snout / 2 eye / 3 horn / 4 wing root / 5 front leg / 6 tail tip

PRINT 1:1 / chosen 1 unit = 4 mm / frame width 70 mm

Worked: selected 1u=4mm gives body48, wing span40, leg16, horn8 and head24mm. The front/top frame widths are both70mm. Shoulders project horizontally at16mm; head half-width is12mm=3u. All three panels are complete simplified dragon views; style is a selected convention.

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Original worked example / unchanged complete key

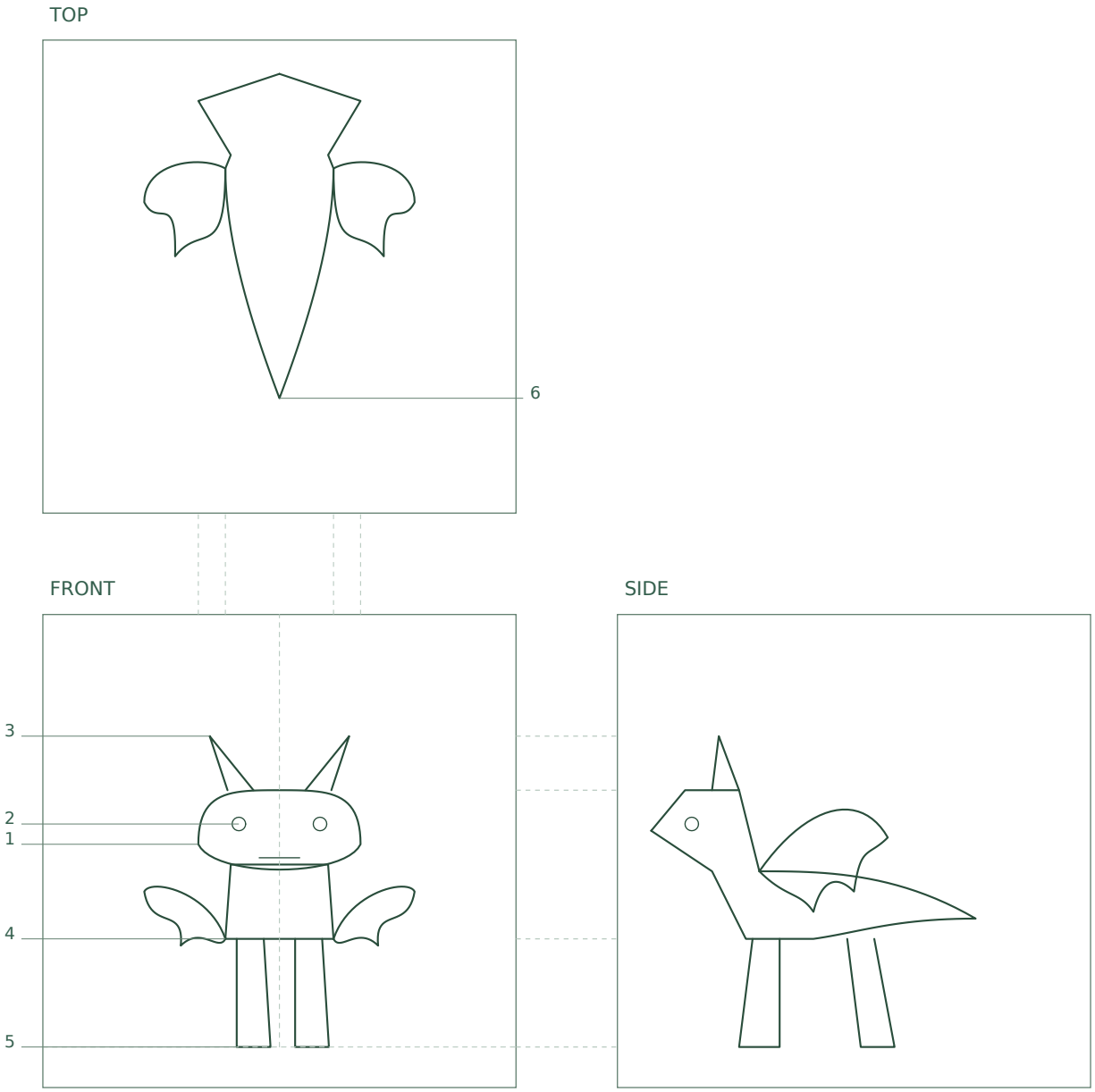
Prompt: A dragon convention uses body length 12 units, wing span 10 units, leg height 4 units, and horn length 2 units. In a front view frame 70 mm wide, the head is centered and 6 units wide. The wing roots sit at shoulder height, 4 units above baseline. Describe how to place the top view and side view and check alignment.

Answer: Draw the front view with midline at 35 mm. Head width 6 units means 3 units each side of midline. Wing-root stubs sit 4 units above baseline. Project the frame width upward to set the top view width at 70 mm. In the top view, draw body length 12 units from snout to tail tip and wing span 10 units centered on the midline. Project shoulder height across to the side view; draw leg height 4 units from baseline to body underside. Check that front and top widths match at 70 mm and that front and side shoulder heights match at 4 units. Record any mismatch in millimeters. Note: the unit-to-millimeter scale is not given in this example, so treat the 70 mm frame width as a hypothetical measured value and convert units to millimeters only after measuring your own frame.

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Worked diagram / reference

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