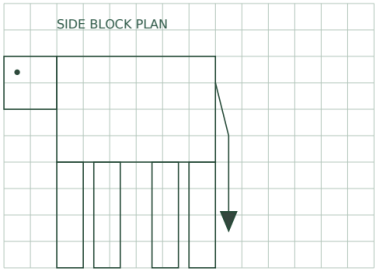
Graph Paper Bull: Horn and Proportion Practice

Ordinary topic reference / separately checked pixels

Block-bull counted schematics / chosen unit = 6 mm / views are labelled separately





FRONT HORN INSET / 2 out, 1 up, 1 in

Body + head - overlap = 6 + 2 - 0 = 8. Each worked horn uses 2 + 1 + 1 = 4 steps.

Graph Paper Bull: Horn and Proportion Practice

Original worked example / unchanged complete key

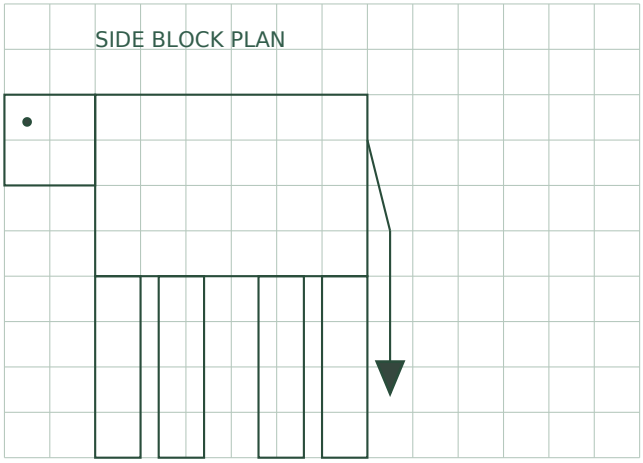
Prompt: A student plans a bull with a body block 6 squares long and 4 squares tall, a head 2 squares by 2 squares, and horns that go outward 2, up 1, inward 1. Check the total body-plus-head length and the horn symmetry counts.

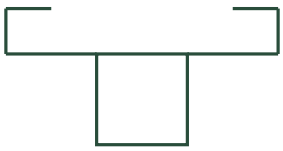
Answer: Body-plus-head length is 6 + 2 = 8 squares. Each horn uses 2 outward + 1 up + 1 inward = 4 counted steps, and both horns match, so the horn plan is symmetrical.

Graph Paper Bull: Horn and Proportion Practice

Worked reference / reference

Block-bull counted schematics / chosen unit = 6 mm / views are labelled separately





FRONT HORN INSET / 2 out, 1 up, 1 in

Body + head - overlap = 6 + 2 - 0 = 8. Each worked horn uses 2 + 1 + 1 = 4 steps.