Graph Paper Bull: Horn and Proportion Practice

Original task 1 / independent drawing and calculation

Task 1

Plan a bull body block 7 squares long and 4 squares tall. The head is 3 squares long and overlaps the chest by 1 square. What is the total length from nose to rump in squares?

Keep the original task measurements. Use the full drawing sheet in this PDF for a response needing more room; use the stated paper size when a task specifies larger paper.

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Original task 2 / independent drawing and calculation

Task 2

A horn plan goes outward 3 squares, up 2 squares, inward 1 square. The other horn goes outward 3, up 2, inward 2. Are the horns symmetrical? Explain using counts.

Keep the original task measurements. Use the full drawing sheet in this PDF for a response needing more room; use the stated paper size when a task specifies larger paper.

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Original task 3 / independent drawing and calculation

Task 3

Four legs are each 1 square wide and 5 squares tall. The gaps between legs are 1, 2, and 1 squares. The body block is 10 squares long. What total width do the legs and gaps span, and how many squares of body block remain uncovered at the two ends combined?

Keep the original task measurements. Use the full drawing sheet in this PDF for a response needing more room; use the stated paper size when a task specifies larger paper.

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Original task 4 / independent drawing and calculation

Task 4

A tail drops 4 squares from the rump and its tuft is 1 square wide. The rear leg is 1 square wide and starts 1 square left of the rump edge. Does the tail cross the rear leg if the tail starts at the rump edge? Explain with counts.

Keep the original task measurements. Use the full drawing sheet in this PDF for a response needing more room; use the stated paper size when a task specifies larger paper.

Full drawing sheet / reusable blank workspace

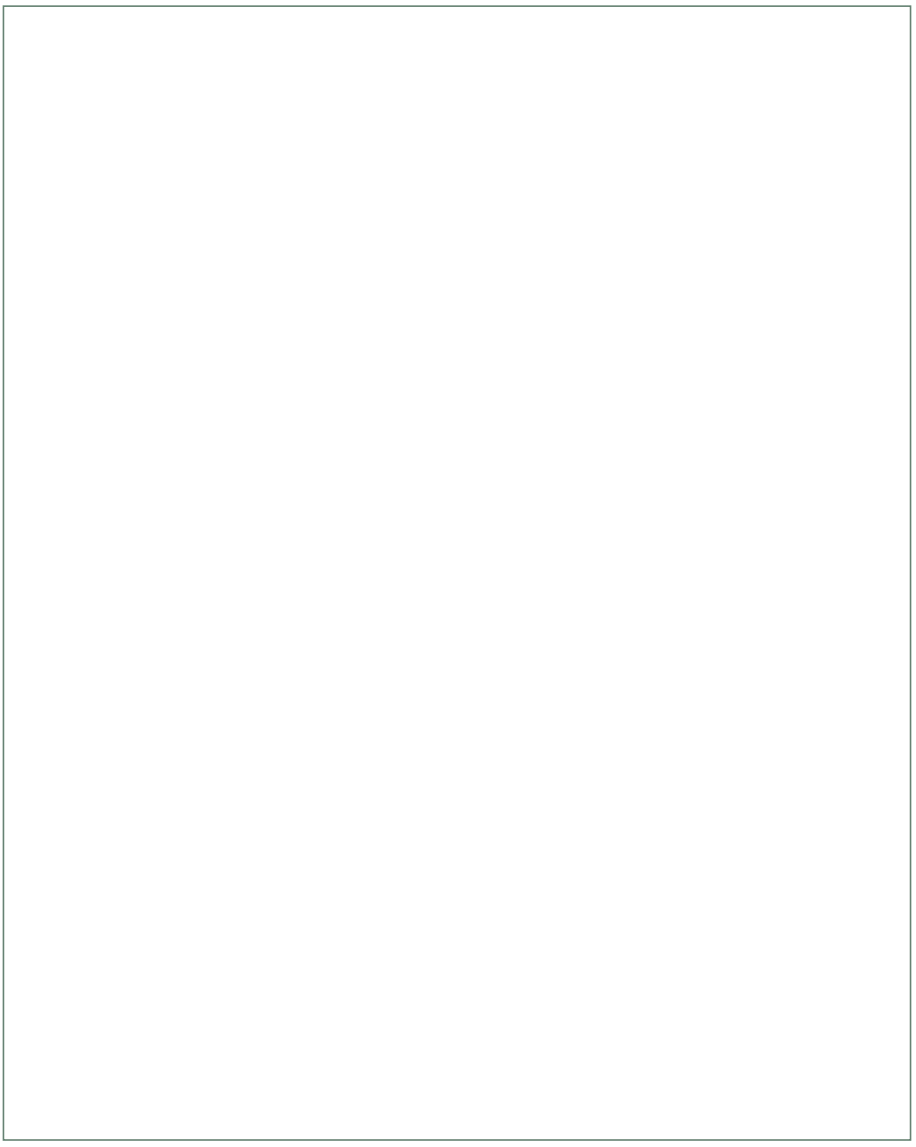
Reusable full drawing sheet for Tasks 1 to 4. Print another copy when needed. Keep all original task measurements; if a task specifies larger paper, use that paper size.

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Task 1 / practice

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

Independent drawing / record your own construction and counts.

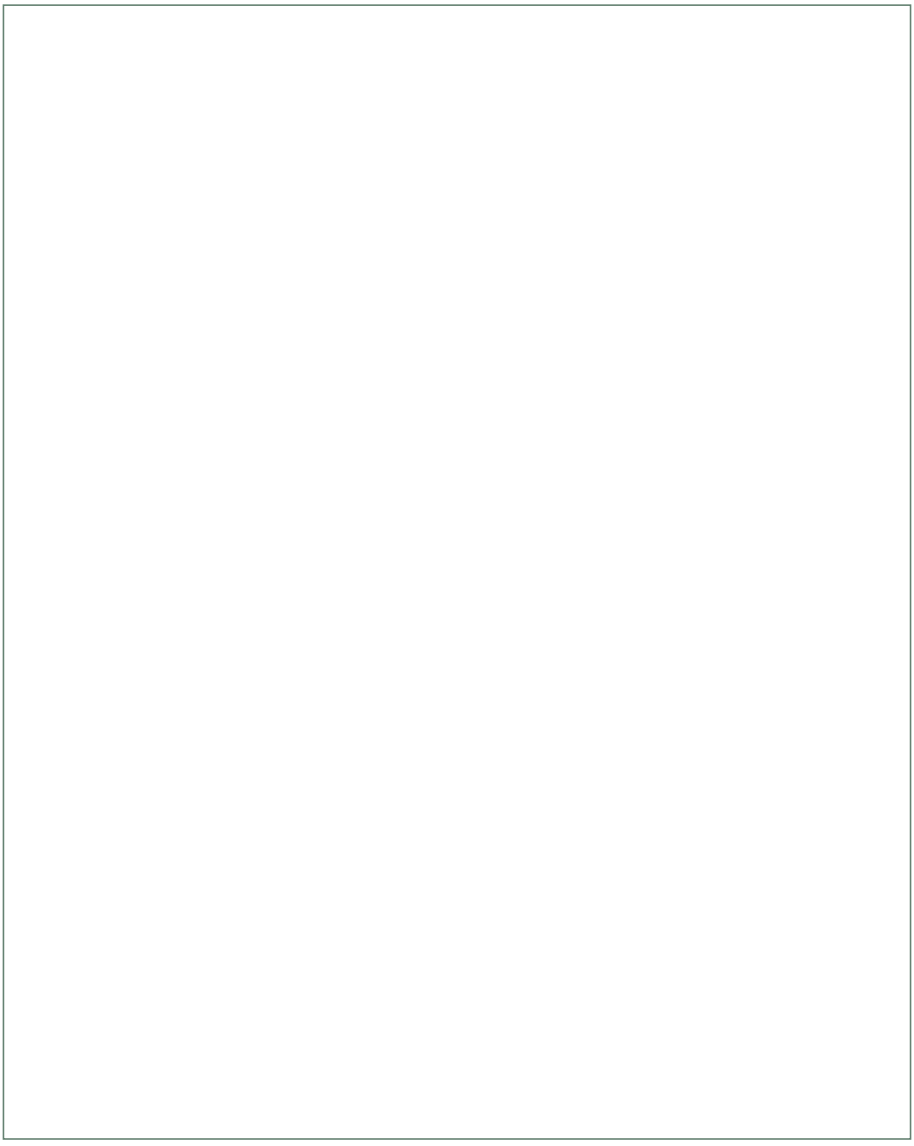


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Task 2 / practice

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

Independent drawing / record your own construction and counts.

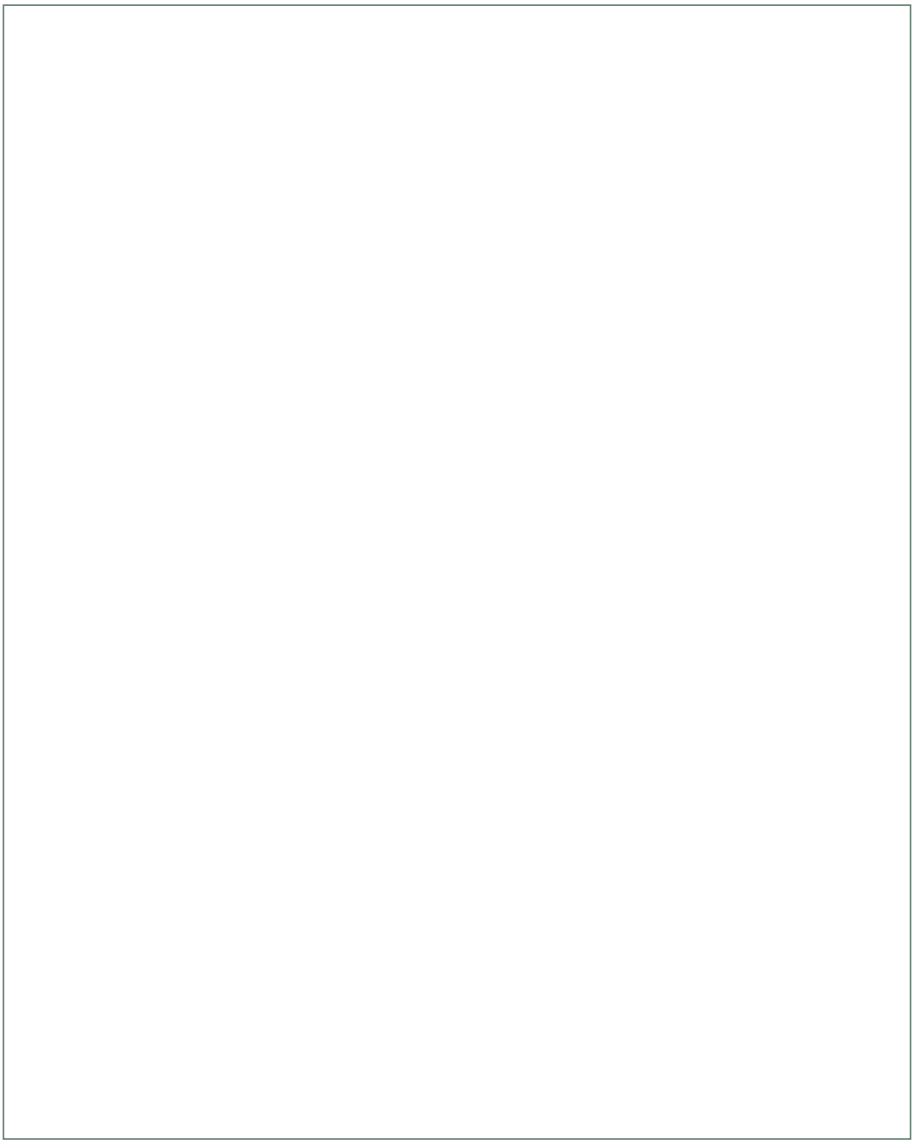


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Task 3 / practice

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

Independent drawing / record your own construction and counts.



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Task 4 / practice

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

Independent drawing / record your own construction and counts.

