Dog Collar Grid Drawing: Coordinate-Based Copying

Original task 1 / independent drawing and calculation

Task 1

On a grid with columns A to E and rows 1 to 4, the strap upper edge runs through A1, B1, C2, D2, E3. The lower edge runs through A2, B2, C3, D3, E4. The buckle spans A1 to B2. State the strap width in cells at column D and give the buckle corner coordinates.

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 collar reference shows four holes on the strap centreline at coordinates B3, C3, D3, and E3. The keeper loop is a narrow rectangle crossing the strap between columns A and B. Describe where to place the hole centres and the keeper loop on a blank grid.

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

On a grid with columns A to F and rows 1 to 5, the buckle spans C2 to D3. The strap upper edge runs through A2, B2, C2, D2, E3, F3. The lower edge runs through A3, B3, C3, D3, E4, F4. State the strap width at column B and at column E, and say whether the width changes between those columns.

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.

Dog Collar Grid Drawing: Coordinate-Based Copying

Original task 4 / independent drawing and calculation

Task 4

A reference shows a strap with upper edge at A2, B2, C3, D3 and lower edge at A3, B3, C4, D4. The buckle spans B2 to C3. A keeper loop crosses the strap between columns C and D. There are three holes at B4, C4, and D4. Describe a checking pass that would catch a copy where the strap width at column C is two cells instead of one.

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.