Boat on Grid Paper: Cell-by-Cell Drawing Guide

Topic reference / ordinary illustration



Ordinary topic reference. Hypothetical dimensions in the four tasks are supplied in their own text; this illustration is not their measured answer.

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Worked example / complete source key

On a 9-column by 7-row grid, draw a boat with a 7-cell bottom hull row, a 9-cell middle hull row, a 5-cell top hull row, and a sail with row counts 1, 3, 5 listed top to bottom above the hull. Use column 5 as the mast. State the total filled cells.

Answer: Hull cells: 7 + 9 + 5 = 21. Sail cells: 1 + 3 + 5 = 9. Total filled cells = 30. The mast is column 5. The sail base (5) is narrower than the widest hull row (9). Left and right counts around column 5 match because each row count is odd and centered.