Draw a Simple Old Sailing Ship: Hull and Rigging Construction

Original tasks 1, 2 / independent work

Task 1

With L = 20 cm and H = 4 cm, mark the baseline, deck line, and midline. State the coordinates of bow top, stern top, and midship bulge.

Task 2

Place three masts on a deck line of length 24 cm at equal intervals. State their x-positions and the spacing.

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Original tasks 3, 4 / independent work

Task 3

Given mast tops F(5,8), M(10,10), Z(15,7) and bow top B(0,4), stern top S(20,4), list four rigging lines with endpoints and count them. Use the connections: a mast top to the bow, adjacent mast tops to each other, and a mast top to the stern.

Task 4

A hull drawing has a midline at 10 cm. At the same height, the outermost drawn bow curve is 9.5 cm from the midline and the outermost drawn stern curve is 10.5 cm from the midline. Is the hull symmetric within 0.5 cm? State the fix.