How to Draw an Isometric Brick Wall with Coursing and Mortar Joints

Original tasks 1, 2 / independent work

Task 1

A wall has four courses. Course one starts with a full brick of 20 mm. What is the starting length of course two if the running bond offset is half a brick?

Task 2

You choose a joint width of 2 mm and a brick length of 20 mm. How long is the visible brick face along the length axis after subtracting joints at both ends?

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Original tasks 3, 4 / independent work

Task 3

A three-course wall uses course height 8 mm. What is the total height from the baseline to the top of course three, ignoring joint thickness between courses?

Task 4

In a running bond, course one has joints at 20 mm and 40 mm from the left edge. Where should the first vertical joint of course two fall if it starts with a half brick?