Draw a Farmhouse Facade: Porch, Roof, and Siding Construction

Original tasks 1, 2 / independent work

Task 1

A wall is 90 mm wide. The roof uses a rise of 20 mm and a run of 45 mm per side. Where is the ridge, and what total roof span does this produce?

Task 2

A porch is 150 mm wide and uses six posts. What is the gap between adjacent posts?

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Original tasks 3, 4 / independent work

Task 3

A wall is 80 mm tall. You want siding intervals of 10 mm. How many intervals fit, and how many siding lines do you draw if you include the top and bottom wall edges? What is the spacing if you instead draw 8 lines including both edges?

Task 4

A door is 24 mm wide and centered on a 120 mm wall. What is the margin from each wall edge to the door edge?