Shelter Drawing: Front and Side Views with Roof and Door

Original task 1 / independent drawing and calculation

Task 1

Draw a front view of a shelter 5 units wide and 3 units tall to the eaves, with a flat roof and a door 1 unit wide and 2 units tall centered on the wall. Use one grid square per unit. Describe the drawing and check the door placement.

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

Draw a side view of a shelter 4 units deep and 3 units tall to the eaves, with a gable roof rising 2 units above the eaves. The ridge runs front-to-back. The door is on the front wall. Describe the drawing and check the roof peak position.

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

A shelter is 6 units wide, 4 units deep, and 3 units tall to the eaves. The roof rises 2 units. The door is 1 unit wide and 2 units tall, offset 1 unit from the left side of the front wall. Draw both views and check the door offset.

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 4 / independent drawing and calculation

Task 4

Draw a front view of a shelter 7 units wide and 4 units tall to the eaves, with a gable roof rising 3 units. The door is 2 units wide and 3 units tall, centered on the wall. Check the areas of the wall, door, and roof.

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

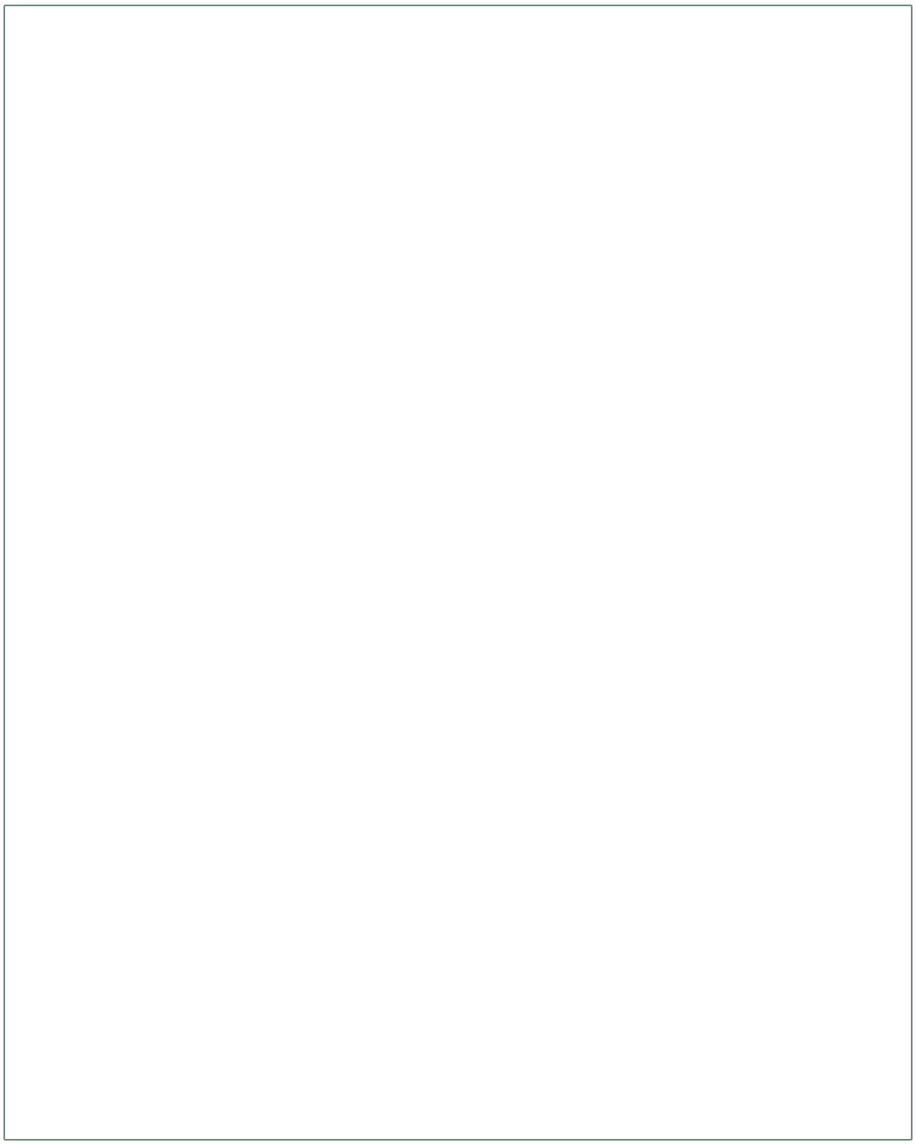
Reusable full drawing sheet for Tasks 1 to 4. Print another copy when needed. Keep all original task measurements; if a task specifies larger paper, use that paper size.

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Task 1 / practice

Shelter orthographic diagrams / one grid unit = chosen 10 mm, printed 1:1

Independent drawing area / record your own construction and checks.

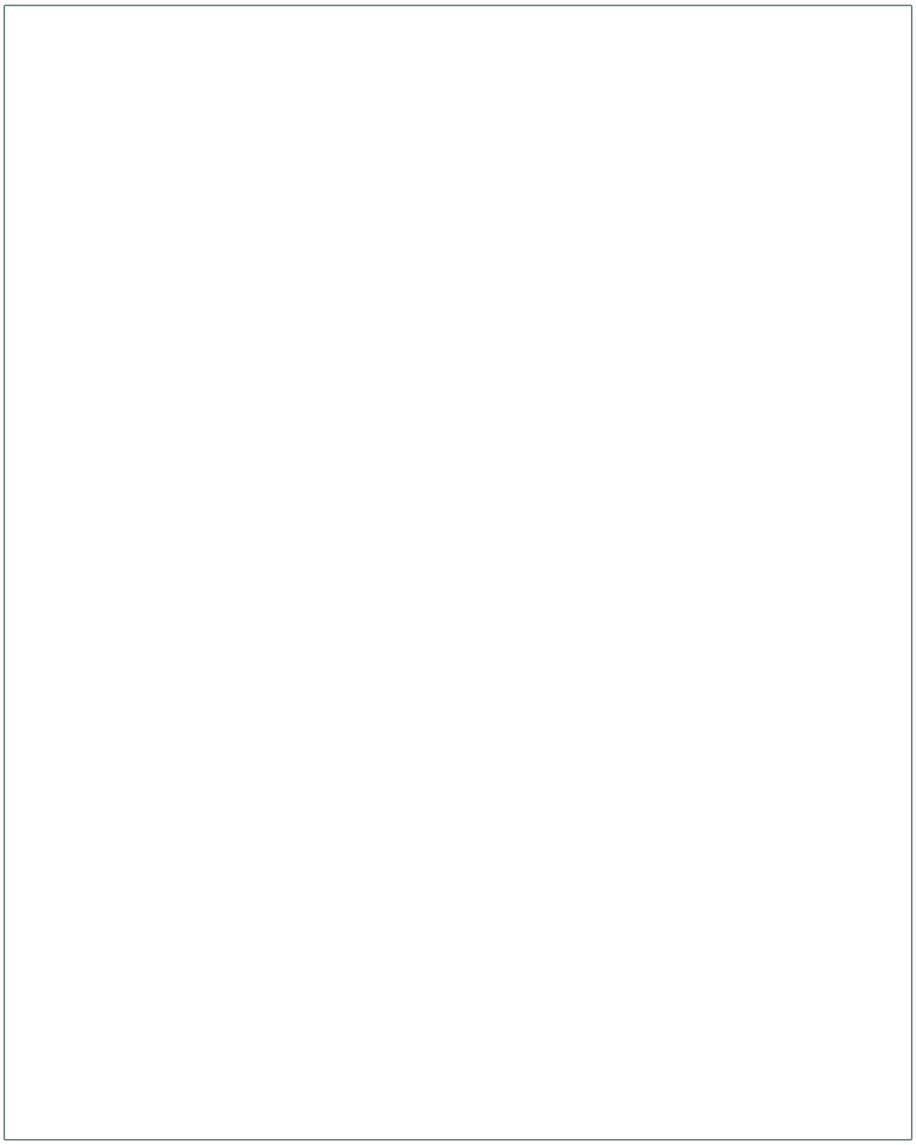


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Task 2 / practice

Shelter orthographic diagrams / one grid unit = chosen 10 mm, printed 1:1

Independent drawing area / record your own construction and checks.

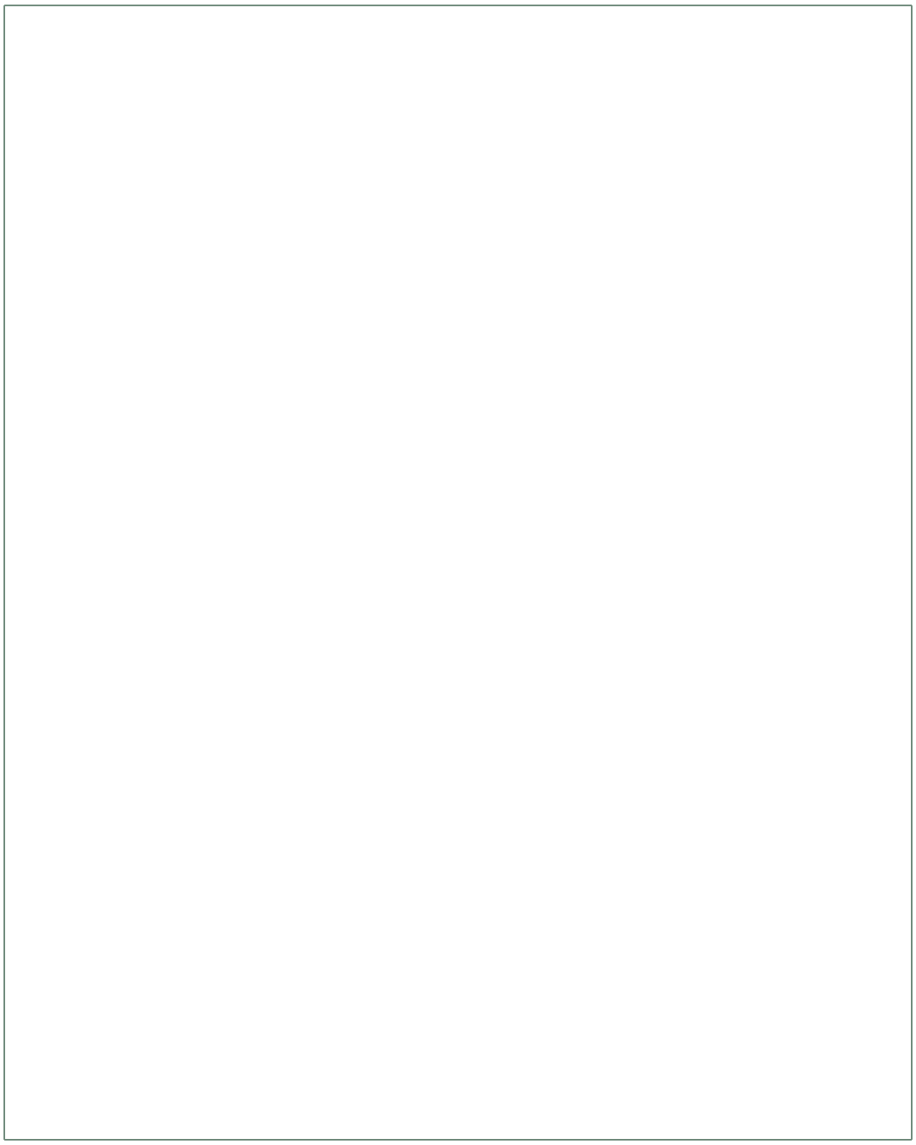


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Task 3 / practice

Shelter orthographic diagrams / one grid unit = chosen 10 mm, printed 1:1

Independent drawing area / record your own construction and checks.



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Task 4 / practice

Shelter orthographic diagrams / one grid unit = chosen 10 mm, printed 1:1

Independent drawing area / record your own construction and checks.

