Draw a Hut: Roof and Wall Construction

Original tasks 1, 2 / independent work

Task 1

Front view: wall width 6 units, wall height 1.5 units, roof rise 1.5 units, overhang 0.5 units per side. Find roof span and ridge position.

Task 2

Three-quarter view: wall width 5 units, wall height 1 unit, roof rise 1 unit, overhang 0.25 units per side. State the roof base length and wall-top corner offsets.

Draw a Hut: Roof and Wall Construction

Original tasks 3, 4 / independent work

Task 3

A hut has wall width 4 units and roof span 5 units with equal overhangs. Find each overhang and the ridge position from a span end.

Task 4

Front view: wall width 3 units, wall height 1 unit, roof rise 1 unit, overhang 0.5 units per side. Find roof span, ridge height above baseline, and each slope run.