Draw a Hut: Roof and Wall Construction

Topic reference / ordinary illustration



Ordinary topic reference. Hypothetical dimensions in the four tasks are supplied in their own text; this illustration is not their measured answer.

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Worked example / complete source key

Draw a front-view hut with wall width 4 units, wall height 1 unit, roof rise 1 unit, and overhang 0.25 units per side. State the roof span and ridge position.

Answer: Roof span = 4 + 0.25 + 0.25 = 4.5 units. Ridge is at 2.25 units from either span end, 1 unit above wall top. Wall-top corners are 0.25 units inside each span end. Each roof slope runs 2.25 units horizontally and 1 unit vertically.