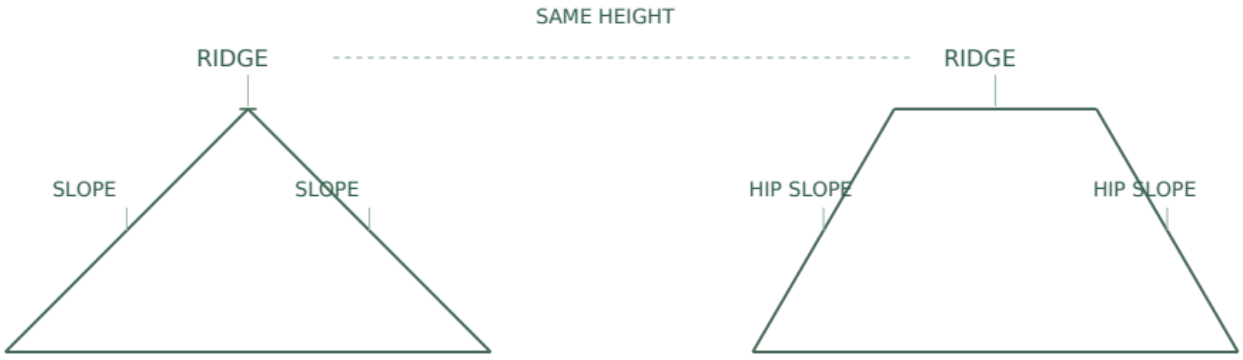
Draw a Roof: Comparing Gable and Hip Forms

Ordinary topic reference / separately checked pixels



Draw a Roof: Comparing Gable and Hip Forms

Original worked example / unchanged complete key

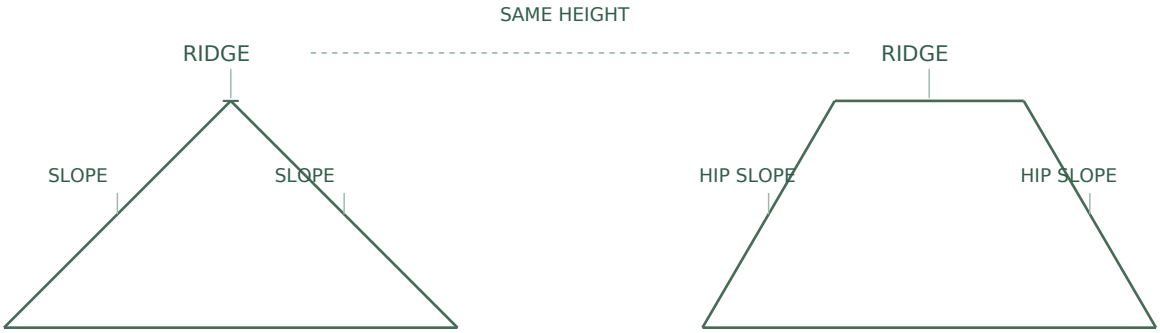
Prompt: On a 12 cm eave line, draw a gable roof with a 6 cm ridge height and a hip roof with a 5 cm ridge line, both at the same height. Label the ridge and slopes.

Answer: Gable: two straight lines from the eave ends to a single ridge point 6 cm above the baseline, with a short horizontal ridge mark and labels SLOPE and RIDGE. Hip: a 5 cm horizontal ridge centred 6 cm above the baseline, connected to the eave ends by two straight lines, labelled RIDGE and HIP SLOPE. Both ridge heights sit at the same level, and every line is labelled once. Check: measure the 12 cm eave, confirm both ridge heights are 6 cm above the baseline, confirm the hip ridge is 5 cm and centred, and confirm each ridge and slope line has exactly one label.

Draw a Roof: Comparing Gable and Hip Forms

Worked reference / reference

Roof-form teaching schematics / labelled lengths print 1:2 / not a full building projection



Each eave is 12 cm; both ridges are 6 cm high. The horizontal hip ridge is 5 cm, centered on its eave.