Challenge #18

If the pitch of Bertrand Russell's roof is 5/12 and his house measures 24 m across the front and 40 m from front to back, how many square meters of roof will he have (assuming no overhang)?

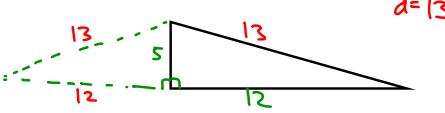


Challenge #18 Solution

pitch = 5/12

House: 24 m across and 40 m deep.

d=13



roof: