

Architectural elevation drawing of a house. The house features a gabled roof with a small dormer window on the left side. The main body of the house is divided into three sections. The left section has a large window on the ground floor and a smaller window on the upper floor. The central section has a large window on the ground floor and a smaller window on the upper floor. The right section has a large window on the ground floor and a smaller window on the upper floor. The entrance is located in the center, featuring a double door with a small transom window above it. A dashed line on the left side indicates the boundary of the property.

Diagram of a beam of length 5,0 m, subjected to a uniformly distributed load of 10 kN/m. The beam is supported by a pin support at the left end (x=0) and a roller support at the right end (x=5,0 m). The load is represented by a series of black rectangles along the top of the beam.