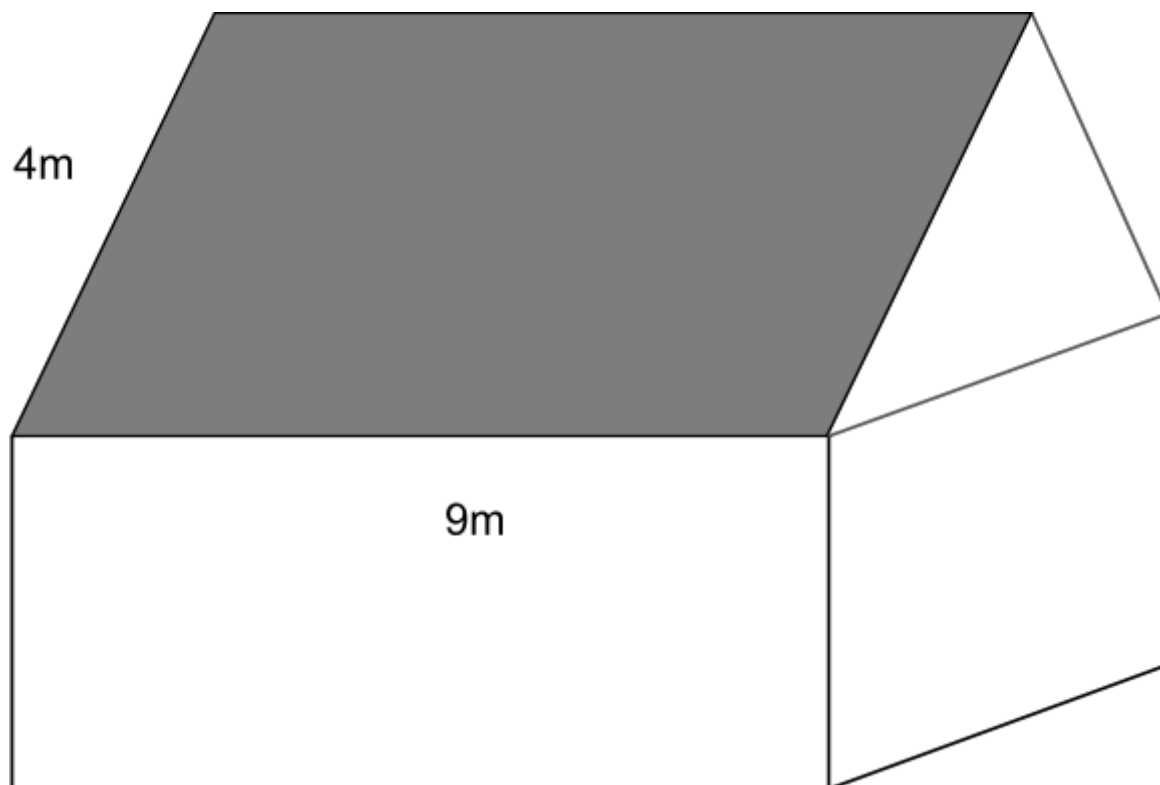


6. Construction measurement principles

Worksheet B: Additional calculations (learner)

The drawing below shows the roof of a new bungalow, upon which the customer wishes to install solar panels.



The panels each measure 750mm x 1500mm

A clearance of 500mm must be left between the edges of the solar panels and the edge of the roof.

1. Calculate how many panels could be fitted to the roof.
2. If each panel produces 150 watts (W) of electricity, what is the total output of the system in W or kilowatts (kW)?

