

Rearranging the Formula

A ladder measuring 10 metres is propped up against the side of a building, with the base at a distance of 5 metres away from the building. The height of the window, h , that the ladder is reaching is unknown.

For this question, we can rearrange the formula to solve for the lengths of the right-angled triangle that we need to solve.

Record all of your steps and describe your procedure for the following question:

What is the height of the window that will be reached? Solve for the value of h .

