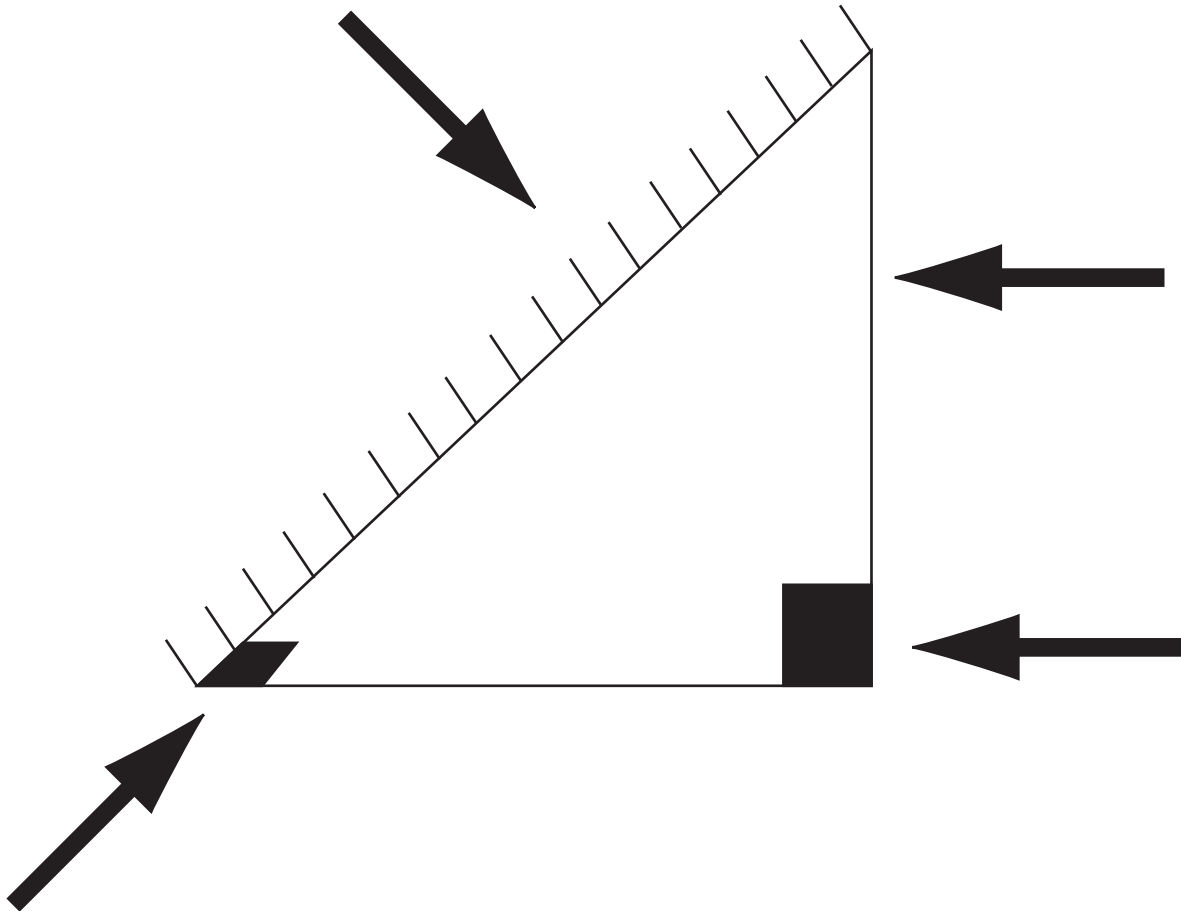


Make a Sundial

Because the position of shadows changes during the day, we can use them to tell the time - with a sundial. You can make one out of a triangle of cardboard.

The shadow cast by this side tells the time



This angle should be equal to the latitude of your school.
(Between 50 and 60 degrees for the UK)

Use a good map to locate your school and look at the numbers on the left-hand side of the map. They tell you how far north or south your school is (its latitude). The number will be somewhere between 50 and 60 degrees if you are in the UK. Mount the triangle on another piece of card and point your sundial to the north. Use a watch to mark off the hours on the base card.



LEARNING STORE

www.bootslearningstore.com