

Mathematics

Length and Perimeter

Applying problem solving strategies to length

Miss Hill



Solve the Problem

A group of five children on holiday in the Lake District have found a short walking route around the edge of the farm they are staying on. The route goes past five oak trees and two of the children (Edgar and Celia) think that the trees are all “about the same distance apart”. The other three children disagree. To settle the argument they each measured the distance between two trees as they walked around the farm.

Solve the clues to find the distance measured by each child so that you can decide who is correct.

Arya	Arya measured half of the distance that Edgar measured
Bhavin	Bhavin measured 190m further than Arya
Celia	Celia walked 208m less than Bhavin
Denise	Denise walked 76m less than Edgar
Edgar	Edgar walked twice as far as Arya

