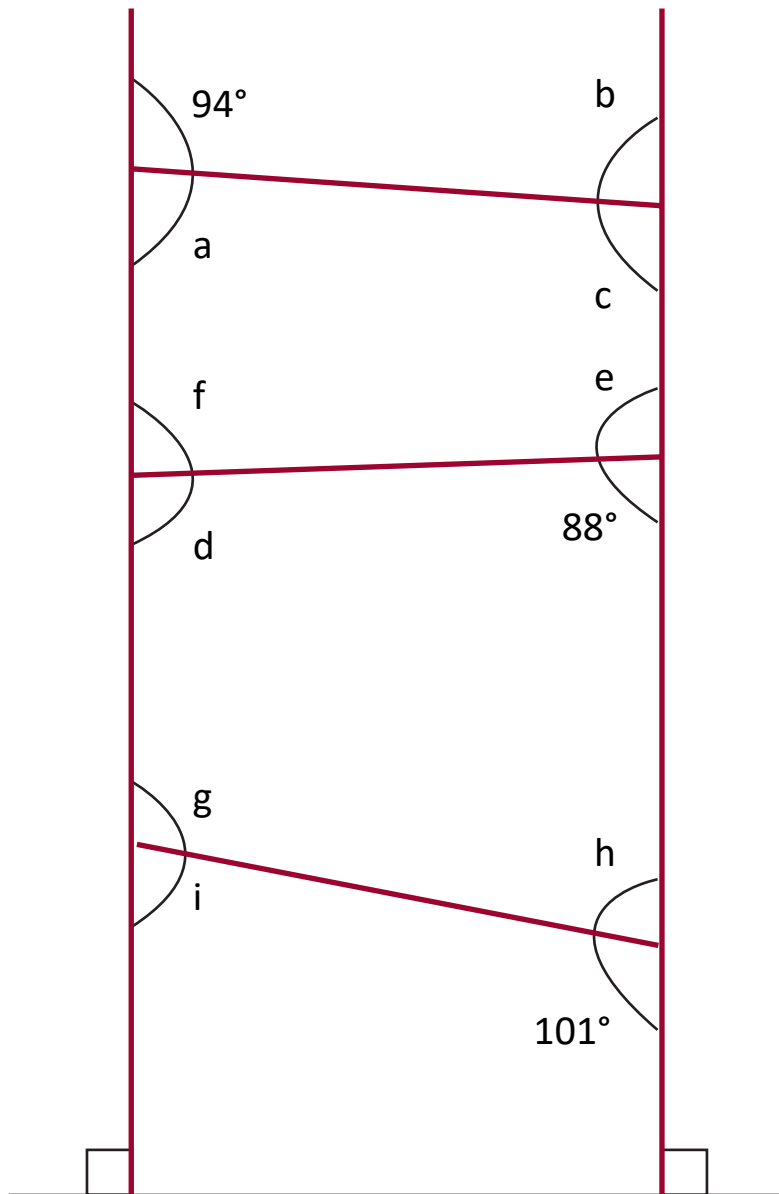


Angles on a bookcase

Sheet 1

Peter made a bookcase. The sides were vertical but the shelves were not quite horizontal.

He realised that if he measured one of the angles between a shelf and a side, he could work out the other three. Can you see how?



Challenge

Create your own *wonky ladder* with 4 rungs.
Measure **one** of each pair of angles, either above or below each rung.
Calculate the other angle in each pair.

Angles on a bunk bed

Sheet 2

Louisa assembled some bunk beds. They were a very fancy design!
Calculate the missing angles a-u:

