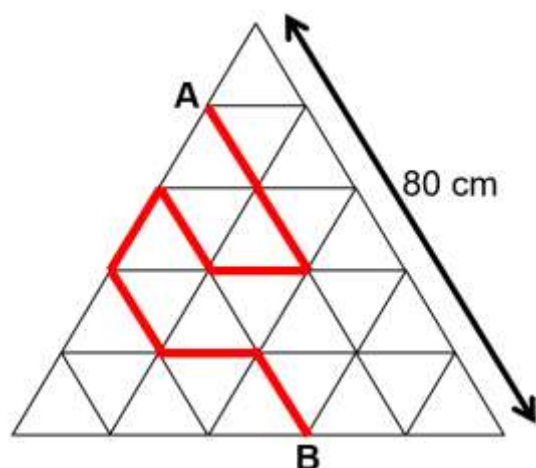# Mathematical Problem Solving
GCSE example

Example 13

This pattern is made up of equilateral triangles.

Find the length of the route marked from A to B.

With foundation tier students, this problem can be made accessible by following the procedures in the problem solving guide:

- A question and answer session
  - to identify the skills used

- Engagement with the problem
  - the students try to work it out

- Student review
  - a check to see how and what they are doing

- Reflection
  - a summary of the best approach

These procedures can be followed relatively quickly for this problem as it is so compact. It allows students to practise some key skills whilst making them think about what those skills can be used for.