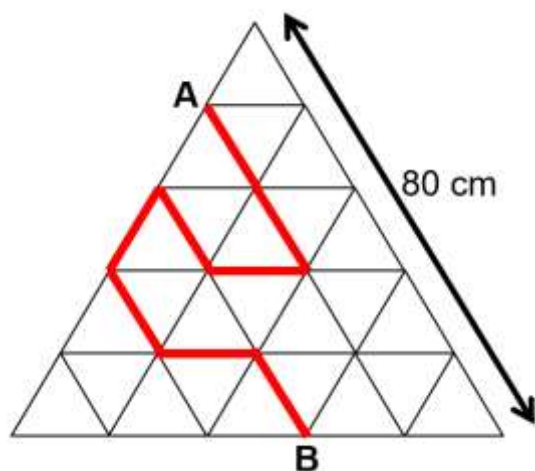# Mathematical Problem Solving
GCSE example

Solution to example 13

This pattern is made up of equilateral triangles.

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

The length of the side of one small triangle $= 80 \div 5 = 16$ cm

The path is 8 sides of a small triangle long so the total length $= 8 \times 16 = 128$ cm