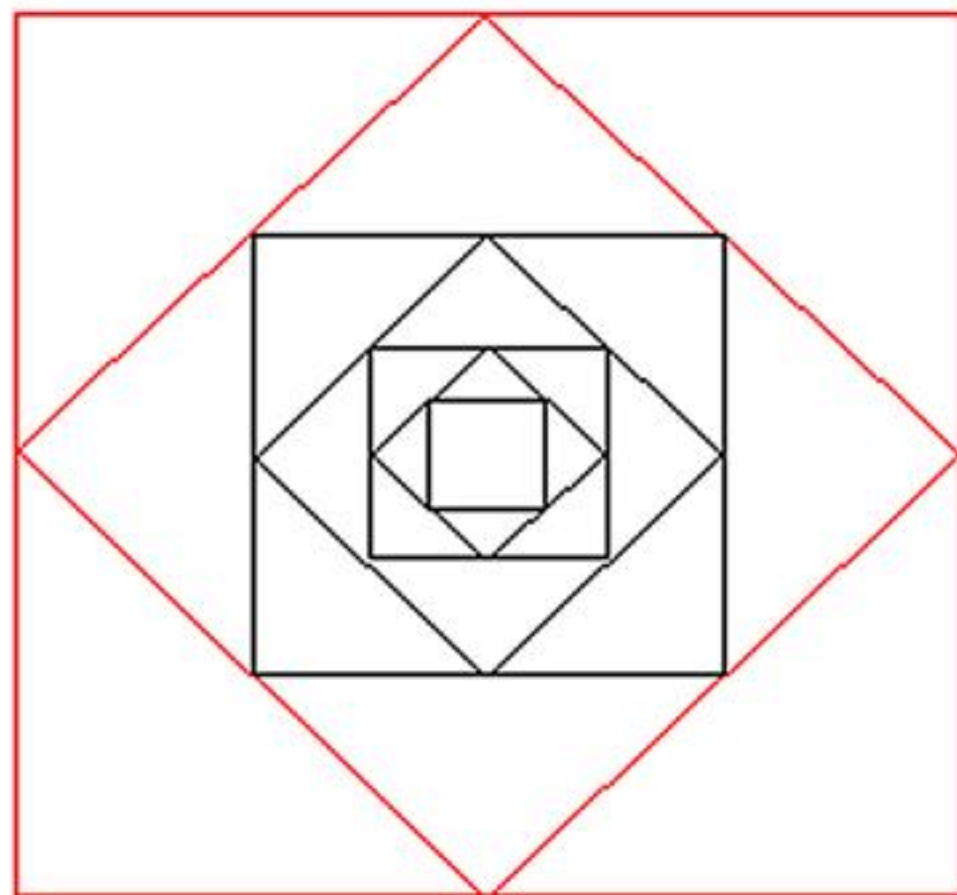




# Inside Seven Squares

**Seven squares are set inside each other. The centre points of each side of the outer square are joined to make a smaller square inside it and so on.**

**The centre square has the area of 1 square unit.  
What is the total area of the four outside triangles which are outlined in red?**



Thousands more problems can be found on the NRICH Maths website:

<http://nrich.maths.org>