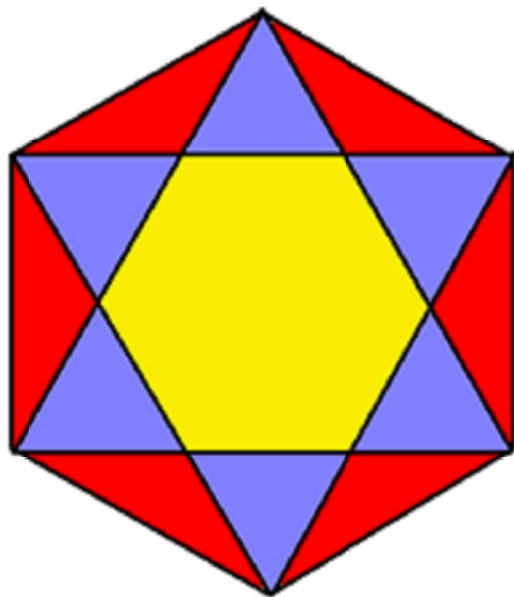


Hex



Explain how the thirteen pieces making up the regular hexagon shown in the diagram can be re-assembled to form three smaller regular hexagons congruent to each other.

If the original hexagon has sides of length 3 units what is the length of the sides of the smaller hexagons?

Thousands more problems can be found on the nrich website:

www.nrich.maths.org