

- 1 Use Maths-Pro or Geo-Pro to draw any triangle.  
(In the example below, the original triangle is shown in black).
- 2 Draw a square on each side of the triangle.
- 3 Join corners of squares as shown to form three more line segments.
- 4 Draw squares on these new segments.
- 5 Find the total area of the three inner squares.
- 6 Find the total area of the three outer squares.
- 7 Compare your last two answers.
- 8 Repeat for one or more different triangles.

