

- 1 Use Maths-Pro or Geo-Pro to draw any triangle.
- 2 Draw a square on two sides of the triangle.
- 3 Mark the centre of the other side of the triangle (call this point A).
- 4 Mark the centre of each square (call these points B and C).
- 5 Join the two corners of the squares as shown by the dashed line in the diagram opposite.
- 6 Mark the mid-point of the line segment drawn step 5 (call this point D).
- 7 Draw quadrilateral ACDB.
- 8 What type of shape is this? Check by measuring.
- 9 Try this procedure for a different triangle.

