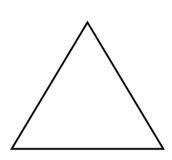
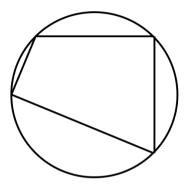
## **Secondary Puzzle Corner**

## Two-piece jigsaw

Prove by geometry, not by chopping up paper, that two triangles with sides 8,7 and 5cm and 8,7 and 3cm, can be fitted together to form either an equilateral triangle or a cyclic quadrilateral.





Taken from 'Forty Harder Problems for the Classroom', published by and available from The Association of Teachers of Mathematics ISBN-1-898611 32 7