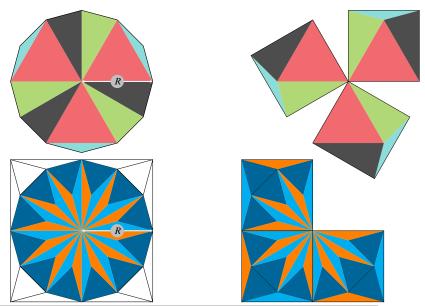
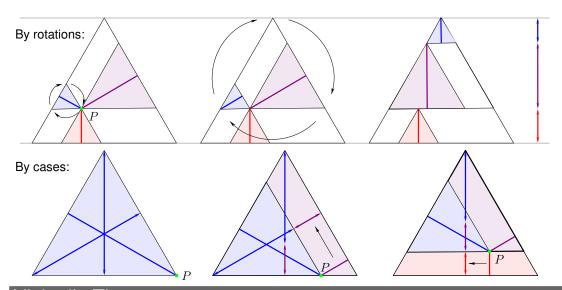
## **Proofs Without Words**

Series 2

Paul Gartside <sup>1</sup>



The area of a regular dodecagon of circumradius R is  $3R^2$ .



Viviani's Theorem: In an equilateral triangle, the sum of the distances from any point, P, to the three sides is equal to the height of the triangle.

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