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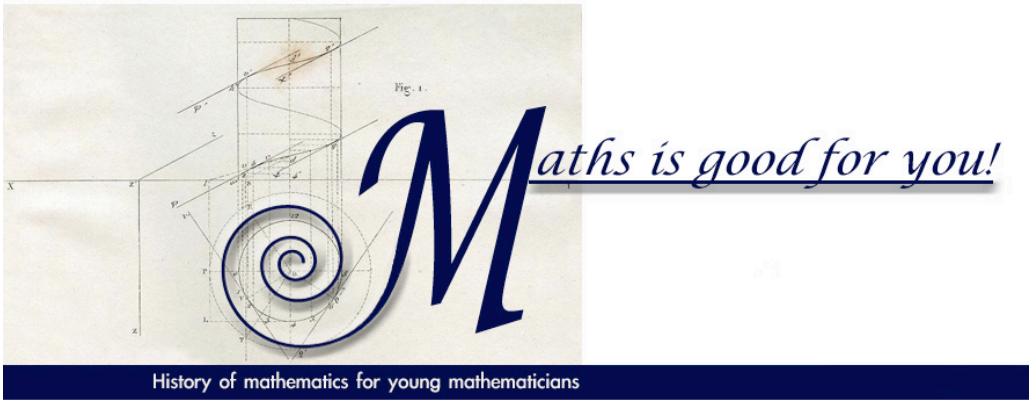
Worksheet PyP1

Teacher

Student

Class



Proof of Pythagoras' Theorem

Cut the triangle with three squares drawn on each side. Notice that lines ***m*** an ***n*** crossing the square on side ***a*** are parallel to the lines of the sides of the square drawn on hypotenuse.

Cut the squares on smaller sides. Then try to arrange them onto the square drawn on hypotenuse. You can repeat this with your own drawings, following just one simple rule: ***m*** and ***n*** must be parallel to the sides of the square on hypotenuse, but can be positioned anywhere on square ***a***.