

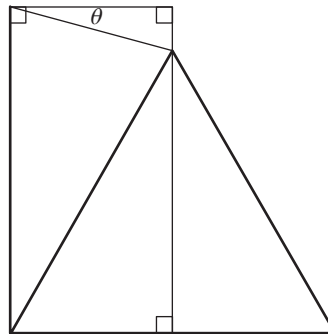
*References*

1. J. P. de Gua de Malves, *Histoire*, Acad. Sc. Paris 1783 (1786), p. 375
2. J. M. Levy-Leblond, A symmetric 3D proof of Heron's Formula, *Mathematical Intelligencer*, **43**(2) (2021) pp. 37-39.3

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**Paul Stephenson writes:** In his July 2022 Feedback to ‘What makes a good Proof without Words’, Martin Lukarevski asks readers for such a demonstration of the fact that  $\tan \frac{\pi}{12} = 2 - \sqrt{3}$ . The diagram is one suggestion. The bold line segments are equal. We infer that (a)  $\theta = \frac{\pi}{12}$  and (b)  $\tan \theta = 2 - \sqrt{3}$ .



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**Amendment to Feedback: On 106.06 in November 2022**

In the statement of the Lemma, the word ‘negative’ ought to have been ‘non-negative’. The correct version is:

*Lemma:* If  $f$  is strictly increasing on the open interval  $(A, B)$ , where  $A$  is non-negative, then the function  $g(x) = xf(x)$  is *strictly superadditive* on that interval, namely,

$$g(x) + g(y) < g(x + y)$$

whenever  $x, y, x + y$  belong to  $(A, B)$ .

This was pointed out to us as a typo by Robert M Young and Jack Calcut and we apologise to them for failing to correct it.

*Reference*

R. Young, J. Calcut, On 106.06. *Math. Gaz.*, **106** (November 2022) pp. 549-550. doi:10.1017/mag.2022.144

10.1017/mag.2023.47