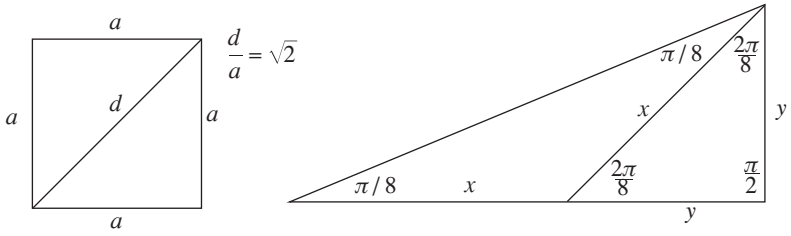
Feedback

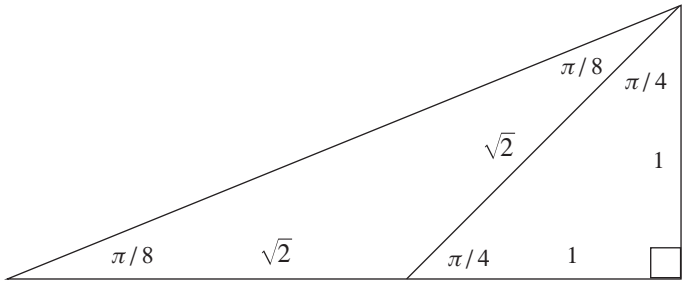
On 'What makes a good Proof without Words': Martin Lukarevski writes: I enjoyed reading [1] and wish I had known much earlier the criteria given by Gerry Leversha for deciding whether or not a PWW should be published. The obvious criterion 'it should illustrate the result pictorially' could be complemented by 'it should synthesise two or more images into one, thereby widening its power of suggestion'. For instance, look at my failed submission of the PWW that

$$\tan\frac{\pi}{8} = \sqrt{2} - 1, \qquad \tan\frac{3\pi}{8} = \sqrt{2} + 1,$$

which consists of the two diagrams below.



The anonymous referee rejected it giving the much better image which dispenses with the square. The information about the relation between the side and the diagonal of a square is too much detail and the two diagrams can be compressed into a single image.



As a challenge to the readers, I would like to ask for a PWW of

$$\tan\frac{\pi}{12} = 2 - \sqrt{3}.$$

Reference

1. G. Leversha, What makes a good Proof without Words, *Math. Gaz.* **105** (July 2021) pp. 271-281.

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