

Spicy Question #24



A compound shape is made from a square and 3 similar triangles.

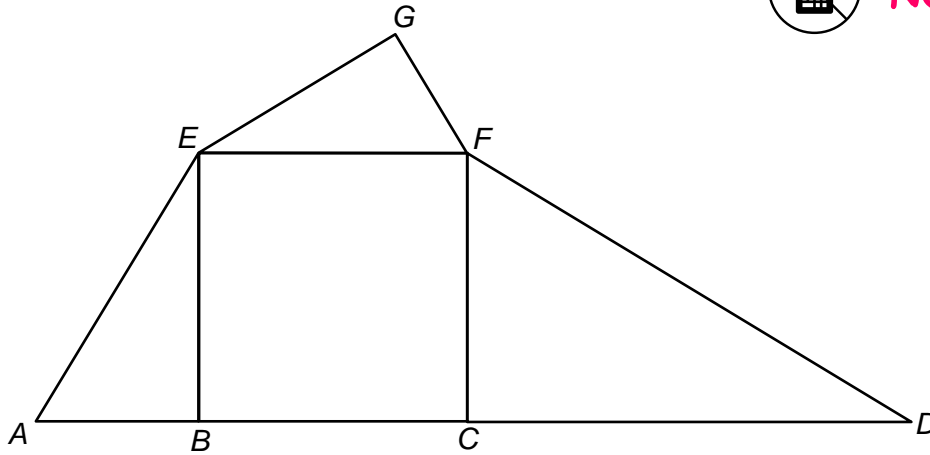
$ABCD$ is a straight line.

Angle $GFE = 60^\circ$

$GF = 4$ cm



NO Calculator



Work out the total area of the compound shape.

Give your answer in the form $\frac{a\sqrt{3} + b}{c}$ where a , b and c are integers.

SUBMISSION DEADLINE 2/2/23 - 7PM

Video
Solution



All submissions to be emailed to 1stclassmaths@gmail.com

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