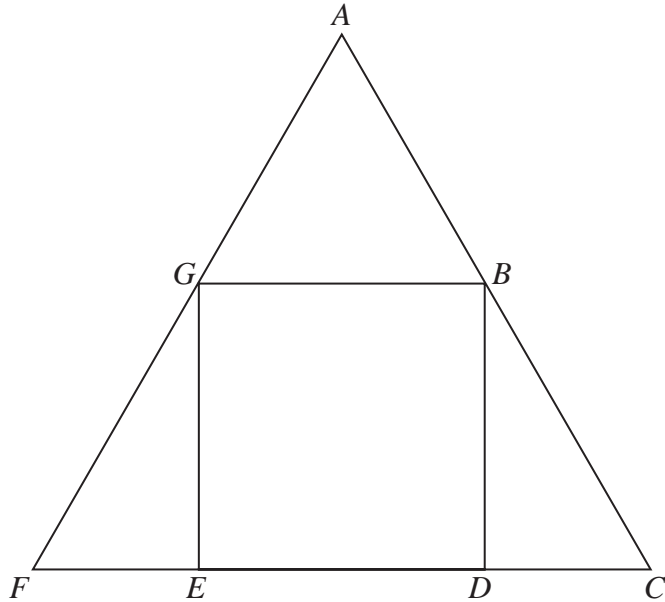


- 19 In the diagram, ABG and ACF are equilateral triangles.
 $GBDE$ is a square of side x cm.



Find

area ABG : area ACF

Give your answer in the form $a:b + c\sqrt{d}$ where a, b, c and d are integers.
You must show all your working.

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(Total for Question 19 is 5 marks)