Spicy Question #37

5 congruent rectangles are arranged as shown in the diagram below.
Each rectangle has length 12 m and height 5 m.
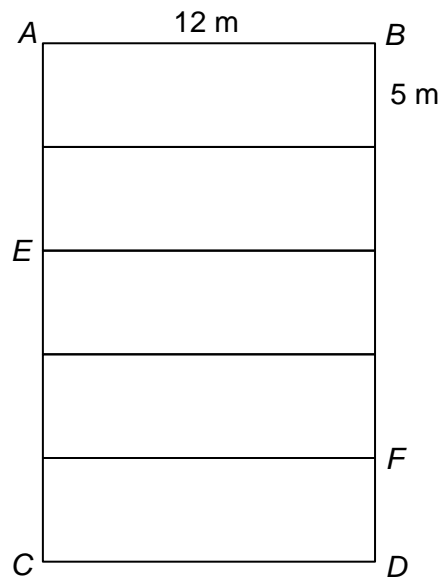
The edge *AB* is joined to the edge *CD* so that an open ended prism is formed.
The cross section of the prism is a regular pentagon.

Once the prism has been formed a line directly connects point *E* to point *F*.

Calculate the length of the line *EF*.
Give you answer to 4 significant figures.

Calculator allowed

Video Solution

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

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