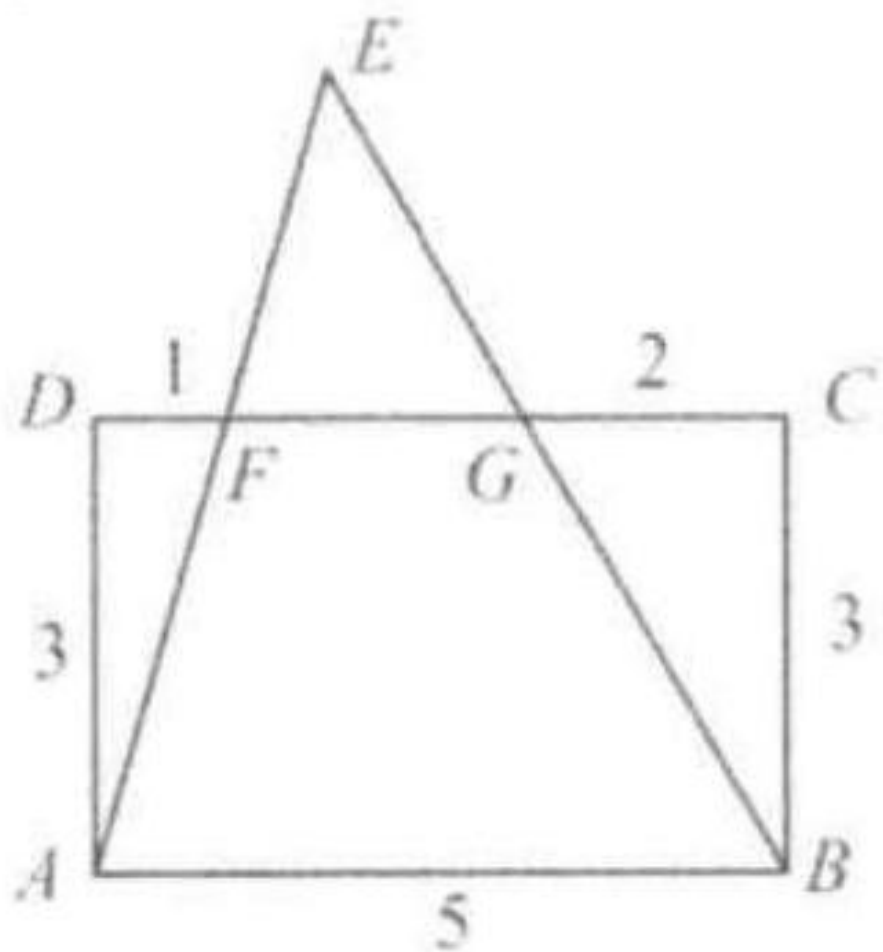


## Problem 5

### Problem

(2003 AMC 10B Problem 20). In rectangle  $ABCD$ ,  $AB = 5$  and  $BC = 3$ . Points  $F$  and  $G$  are on  $CD$  so that  $DF = 1$  and  $GC = 2$ . Lines  $AF$  and  $BG$  intersect at  $E$ . What is the area of  $\triangle AEB$  ?

- (A) 10
- (B)  $21/2$
- (C) 12
- (D)  $25/2$
- (E) 15



### Solution

Solution not available.