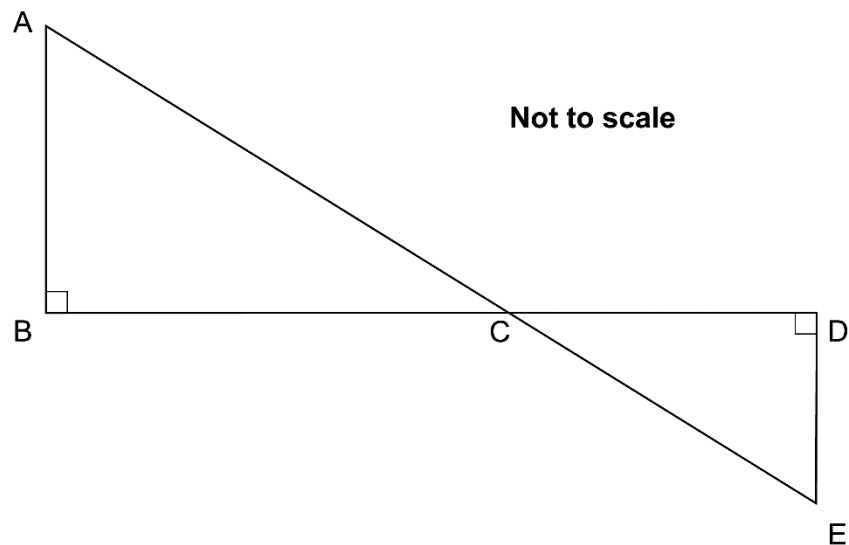


- 15 In the diagram below, AE and BD are straight lines.



- (a) Show that triangles ABC and EDC are similar.

.....

.....

.....

.....

.....

..... [3]

- (b) The length DE is 3.5 m.  
The ratio  $BC : CD = 3 : 1$ .

Find the length AB.

(b) ..... m [2]