2 The diagram shows triangle *ABC* and triangle *ECD*

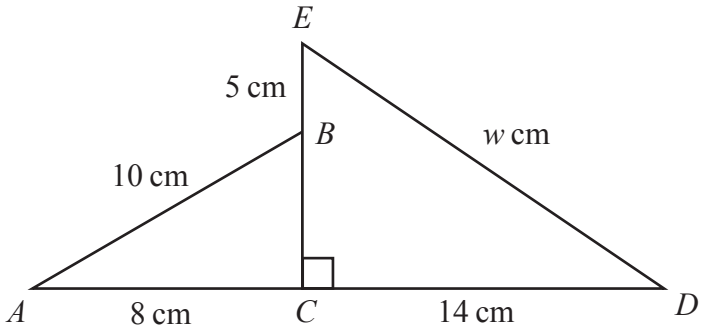


Diagram **NOT** accurately drawn

ACD and *EBC* are straight lines.

AB = 10 cm *AC* = 8 cm *EB* = 5 cm *CD* = 14 cm *ED* = *w* cm

Work out the value of *w*
Give your answer correct to one decimal place.

w = ...

(Total for Question 2 is 4 marks)

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