11 The diagram shows two triangles, *ADE* and *CDB*

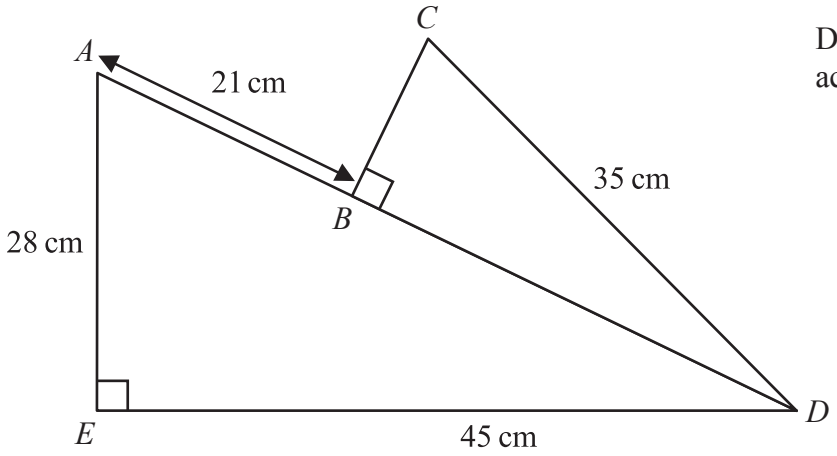


Diagram **NOT** accurately drawn

ABD is a straight line.

$AE = 28\,\text{cm}$ $ED = 45\,\text{cm}$ $AB = 21\,\text{cm}$ $CD = 35\,\text{cm}$

angle AED = angle $CBD = 90°$

Work out the area of triangle *CDB*
Give your answer correct to 3 significant figures.

..... cm^2

(Total for Question 11 is 5 marks)

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