

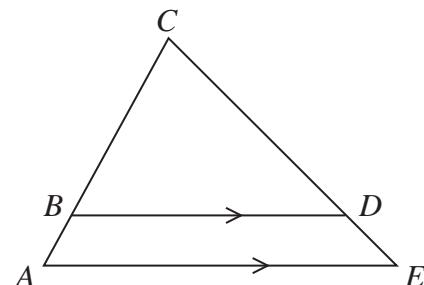
16

Diagram **NOT**
accurately drawn

The diagram shows triangle ACE.

The point B on CA and the point D on CE are such that BD is parallel to AE.

$BD = 7.2 \text{ cm}$ to 2 significant figures.

$AE = 9.3 \text{ cm}$ to 2 significant figures.

Area of $\triangle BCD = 15.4 \text{ cm}^2$ to 3 significant figures.

Calculate the upper bound, to 3 significant figures, for the area of $\triangle ACE$.

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..... cm^2

(Total for Question 16 is 3 marks)

