12

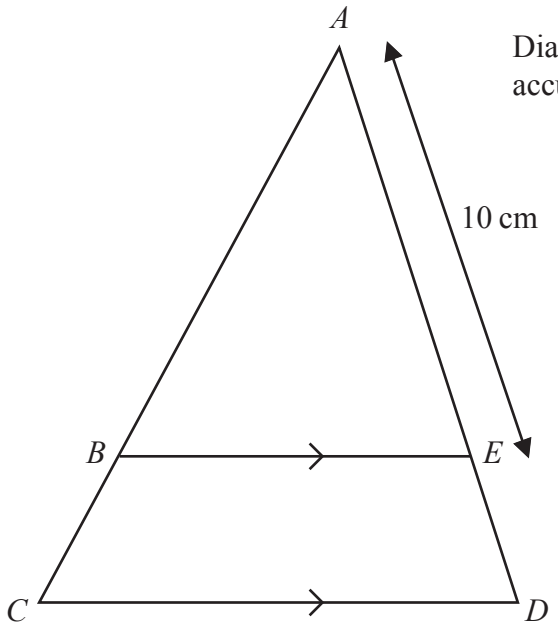


Diagram **NOT** accurately drawn

In the diagram, ABC and AED are straight lines.
BE is parallel to CD

$AE = 10\,\text{cm}$ and $CD = 1.5 \times BE$

(a) Work out the length of ED

..... cm

(2)

$AB = (2x + 5)\,\text{cm}$ and $BC = (3x - 5)\,\text{cm}$

(b) Work out the value of x

$x =$ .....

(2)

(Total for Question 12 is 4 marks)

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