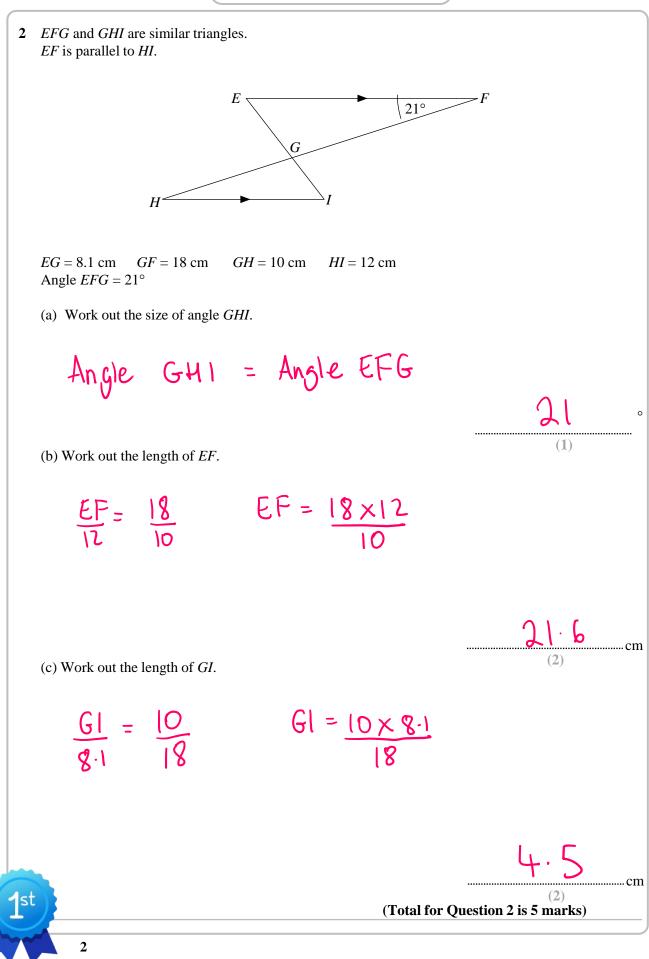
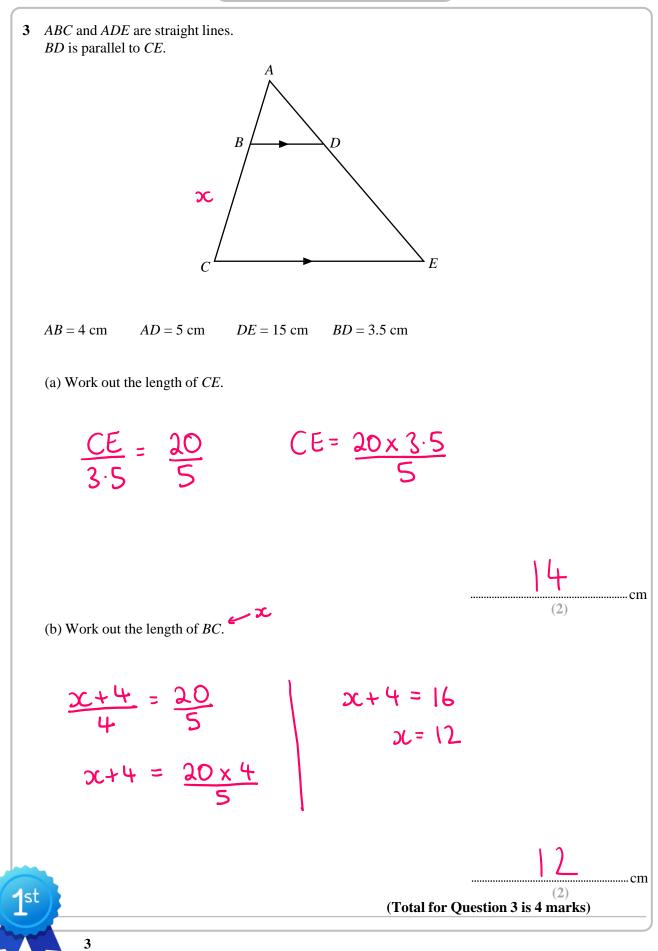


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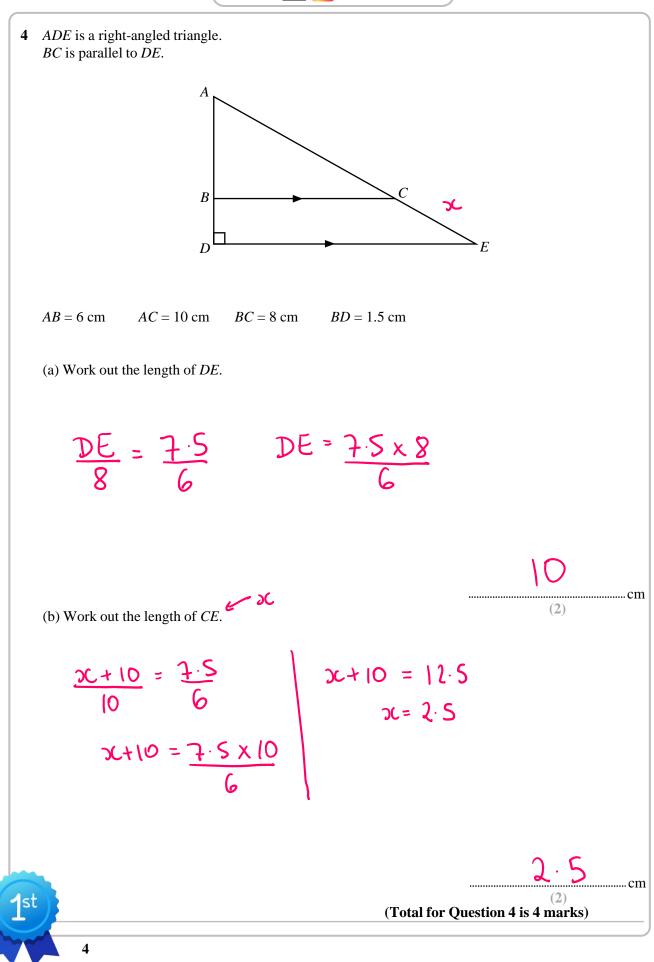
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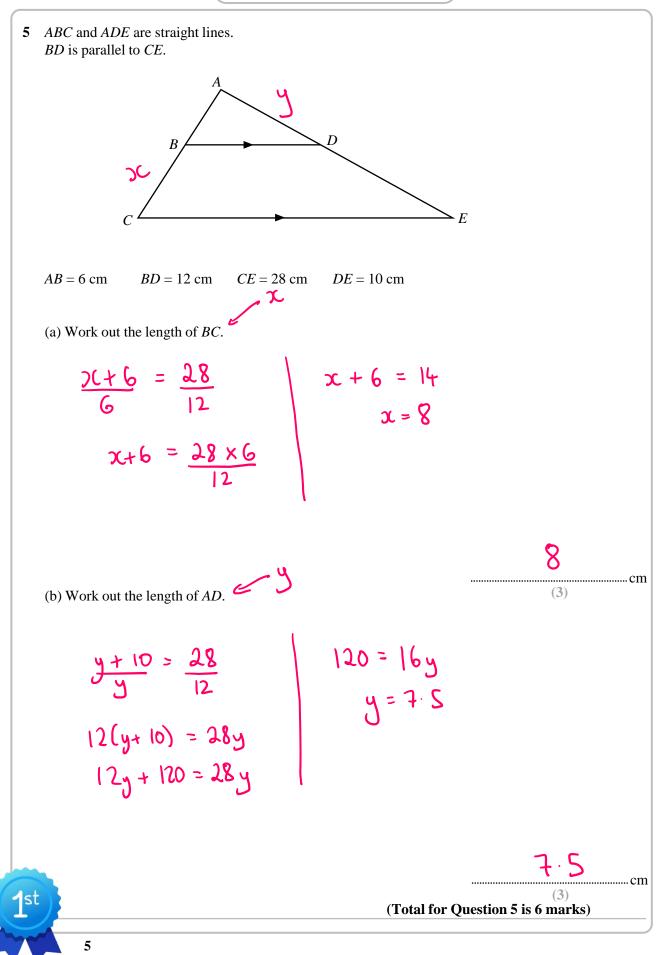
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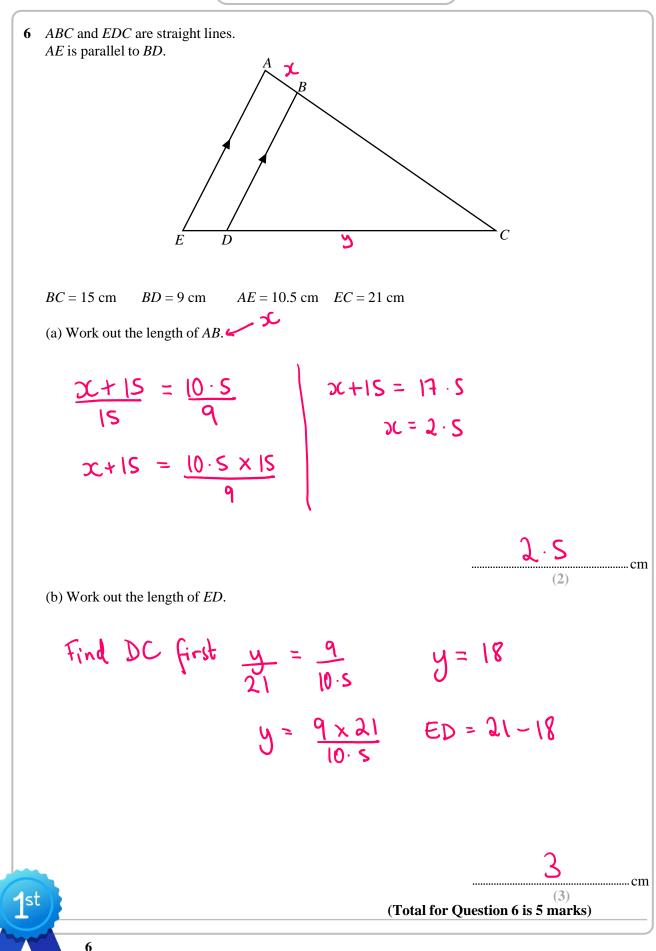
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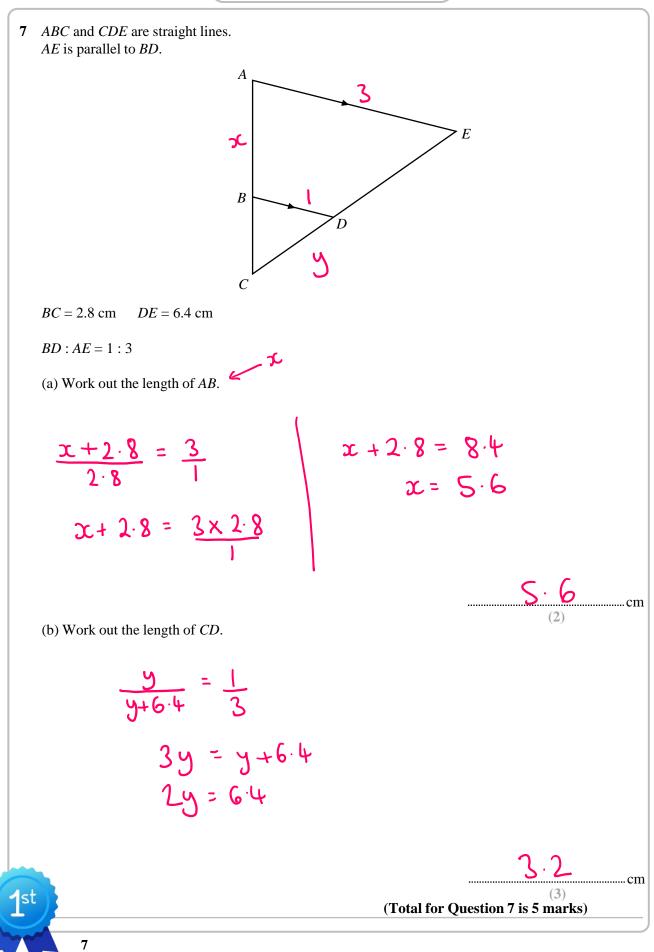
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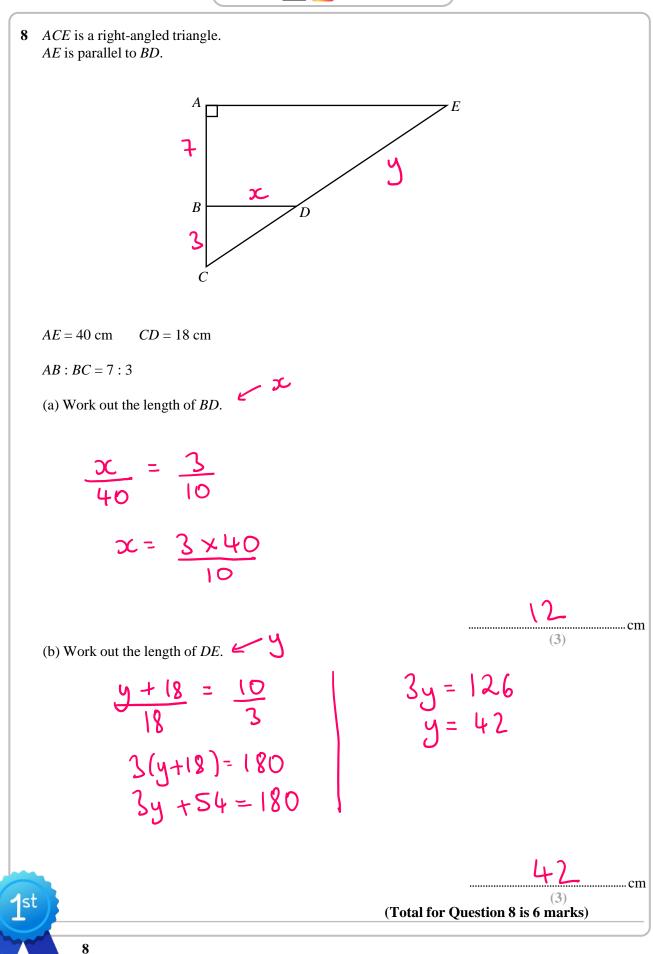
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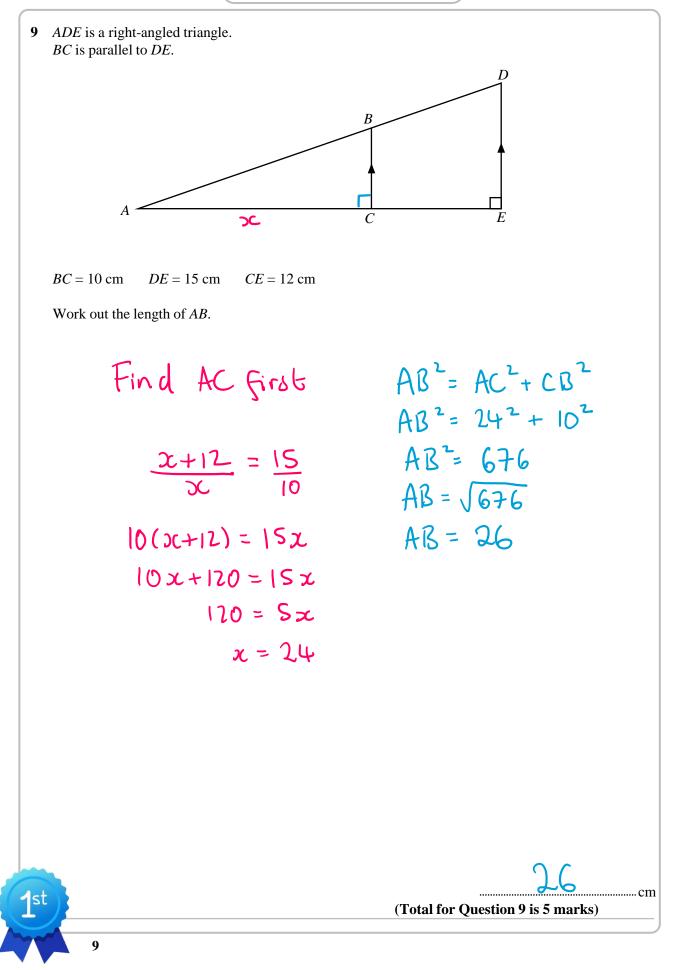
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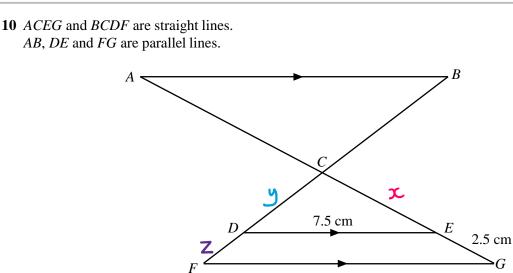
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G

AC = 8 cmBC = 6.4 cmDE = 7.5 cmFG = 11.25 cm EG = 2.5 cmWork out the length of DF.

 $\frac{\chi + 2.S}{\tau} = \frac{11.2S}{7.S}$ $\frac{9}{6.4} = \frac{5}{8}$ $y = \frac{5 \times 6.4}{8}$ $\frac{1}{2} \cdot S(x + 2 \cdot S) = || \cdot 2 S x$ 7.5x+18.75=11.25x 18.75 = 3.75xx = 5Z + 4 = 6 $\frac{Z+4}{4} = \frac{11 \cdot 2S}{7 \cdot S}$ Z=2 $Z+4 = \frac{11 \cdot 25 \times 4}{2 \cdot 5}$ cm 1st (Total for Question 10 is 5 marks) 10

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