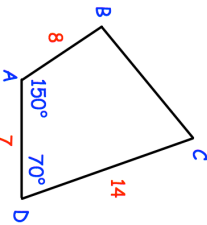
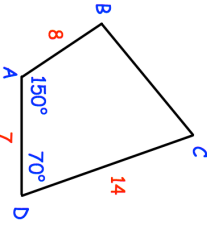


12th January		Corbettmaths
Solve the simultaneous equations $x = 3y + 6$ $3xy = 24 - x$		
Write $x^2 + 8x + 17$ in the form $(x + a)^2 + b$	Find the coordinates of the turning point of $y = x^2 + 8x + 17$	
 <p>There are x apples in a crate. 4 of the apples are bad. Fiona chooses two apples from the crate, without replacement. The probability she selects two bad apples is $\frac{1}{11}$</p>	Calculate the length BC.	Prove $x^2 - x - 132 = 0$
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