(a)	A random sample of 12 adults from Questa is taken.
	Find the probability that the number who travel to work by car is less than 10. [3]
<b>(b)</b>	A random sample of 150 adults from Questa is taken.
	Use an approximation to find the probability that the number who travel to work by car is less than 81.

(c)	Justify the use of your approximation in part (b). [1]