10 (of the bags are chosen at random.
(a)	Find the probability that fewer than 3 of these bags are underweight. [3
	weights of the bags of sugar produced by company B are normally distributed with mean 1.04 k standard deviation $0.06\mathrm{kg}$.
(b)	Find the probability that a randomly chosen bag produced by company B weighs more tha $1.11\mathrm{kg}$.

81%	of the bags of sugar produced by company B weigh less than $w \log B$.
(c)	Find the value of w . [3]

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