	lengths of the rods produced by a company are normally distributed with mean 55.6 mm and dard deviation 1.2 mm.
(a)	In a random sample of 400 of these rods, how many would you expect to have length less than 54.8 mm?
<b>(b)</b>	Find the probability that a randomly chosen rod produced by this company has a length that is within half a standard deviation of the mean. [3]