	ndom sample of 150 of these birds is selected.
a)	How many of these 150 birds would you expect to have length between 15.4 cm and 16.8 c
	lengths of Eastern bluebirds are normally distributed with mean 18.4cm and standard devian. It is known that 72% of Eastern bluebirds have length greater than 17.1cm.
σcn	lengths of Eastern bluebirds are normally distributed with mean 18.4cm and standard deviate. It is known that 72% of Eastern bluebirds have length greater than 17.1cm. Find the value of $\sigma$ .
σcn	n. It is known that 72% of Eastern bluebirds have length greater than 17.1 cm.
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A ra	andom sample of 120 Eastern bluebirds is chosen.
(c)	Use an approximation to find the probability that fewer than 80 of these 120 bluebirds have length greater than 17.1 cm. [5]