Sit	tuation: You go fishing one day at a lake w • the lengths of fish follow a • you are allowed a creel lin • a slot limit (the length of tl • you will release any fish yo	where: a normal distribution with a mean of 15 & a standard deviation of 3.5 inches nit of 4 (the number of fish you are allowed to keep) within he fish you are allowed to keep) between 12-18 inches ou catch back into the lake (sampling without replacement)
1.	In the decades that you have been fishing, you notice that you seem to catch a fish every 30 minutes. What is the probability that you go more than 60 minutes without catching a fish?	
	Distribution used:	Answer:
2.	What's the probability that you will catch your first fish in less than 10 minutes?	
	Distribution used:	Answer:
3.	What's the probability that you will catch your first fish in between 20 and 40 minutes?	
	Distribution used:	Answer:
4.	Suppose you catch one fish. What's the probability that the fish is within the slot limit?	
	Distribution used:	Answer:
5.	What is the probability you will catch 2 or fewer fish before catching one within the slot limit? (Use answer from #4)	
	Distribution used:	Answer:
6.	If you catch four fish, what's the probability that all four fish are within the slot limits? (Use answer from #4)	
	Distribution used:	Answer:
7.	What is the probability of catching your fourth trout of the appropriate size on your seventh fish?	
	Distribution used:	Answer:
8.	How many fish do you expect to catch b	efore you reach the creel limit of four trout of the desired length?
	Distribution used:	Answer: