a) Pet Call Porty, C + Ke-th = f + So => C = f + So - Ke Postant So		4 11:19	AM													
C + Ke-rt = P + So => C = P + So - Ke - rt Product So	(1)															
Problem 4 stock Price Stock Pr																
Problem 4 stock Price Stock Pr		C 4	Ke" = P+	50	1.											
Problem 4 stock Price Stock Pr	=7	C	= P + S -	k e	· [
Problem 4 100			8													
Problem 4 100																
Time to experitability Time to experitabil		sto	ock Price		stock Price											
Strike Price $$9.00$ Premium $$0.65$ Fremum $$0.65$ Call option premium $$0.65$ Call option premium $$0.65$ Fremum $$0.65$ Call option premium $$0.65$ Fremum $$0.65$ Total Cost for Strangle $$0.65$ Total Cost for Strangle $$0.65$ Lower Break Even $$0.74.79$ Upper Break Even $$0.74.79$ Upper Break Even $$0.74.79$ Upper Break Even $$0.76.79$ Upper Break Even $$0.76.79$ Upper Break Even $$0.76.79$ Fremum $$0.65$ Fremum $$0.65$ Fremum $$0.65$ Fundame $$0.65$ Fun																
Fremum \$ 3.68 European put option 2 Sinke Price \$ 110.00 Premium \$ 15.25 Call option premium 2 \$ 9.56 Call option premium 2 \$ 15.21 Lower Break Even \$ 74.79 Upper Break Even \$ 74.79 Upper Break Even \$ 129.25 Upper Break Even \$ 129.25 A) The total Ccst of Strangle \$ 5.51 Freshit = Pay off Fet t Pay off call - Total ccct Where the control of		St	trike Price \$ 90		Strike Price											
Strike Price \$ 110.00 Premium 15.25 Premium 15.25 Premium 15.25 Call option premium 2 \$ 15.25 Call option premium 2 \$ 9.56 Call option premium 2 \$ 15.21 Total Cost for Strangle \$ 15.21 Lower Break Even Upper Break Even \$ 74.79 Upper Break Even Upper Break Even \$ 125.25 Upper Break Even \$ 125.25 Upper Break Even \$ 125.25 Upper Break Even Upper Break Even \$ 125.25 Upper Break Even				5.65	European put option 2											
Total Cost for Strangle \$ 15.21 Lower Break Even \$ 74.79 Upper Break Even \$ 125.25 A) The total Cost of setting up the long strangle $^{+133+139}$ b) Fredit = Pay off Fet Pry off call - Total coct Where Fay off Fet = Max ($K_1 - Sr$, 0) Fay off Call = Max (St - K_2 , 0)		St	Strike Price \$ 110.00													
Cotal Cost for Strangle \$ 18.21 Lower Break Even \$ 74.79 Upper Break Even \$ 125.25 A) The total CCSt of Sctting Up the long Strangle is \$15.21 b) Fredit = Pay offect t Pry off call - Total CCCT where Pagell Put = Max (K ₁ - Sr, 0) Pagell Call = Max (St - K ₂ , 0)		Ca	all option premium 2 \$	9.56	Call option premium 2		=J27+J37-(J36*EX	P(-J28*J29))								
Lower Break Even \$ 125.25 Upper Break Even *136+137 a) The total cost of softing of the long strangle is \$15.21 b) Profit = Pay off put t Pry afficial - Total cost where Payoff Put = max (K ₁ -Sr, 0) Payoff Call = max (St -K ₂ , 0)		Tc	otal Cost for Strangle \$ 1	5.21	Total Cost for Strangle		=J33+J39									
a) The total cost of setting up the long strangle is \$15.2] b) Profit = Pag off put + Pag off call - Total cost where Pagods put = $\max(K_1 - Sr, 0)$ Pagoff call = $\max(St - K_2, 0)$																
b) Frolit = Pay off Fot t Pay off call - Total coct where Payoff Call = $\max (K_1 - Sr, 0)$ Payoff Call = $\max (St - K_2, 0)$		O,	per break Everi \$ 123	5.25												
b) Frojit = Pay off put t Pry off call - Total coct where Payoff put = max $(K_1 - Sr, 0)$ Payoff Call = max $(St - K_2, 0)$		- 1								u						
Pagolf put = $\max(K_1 - Sr, 0)$ Pagolf Call = $\max(St - K_2, 0)$	a)	j h e	total cost	of	setting up t	t 4 C	long	Strangle	i's	\$ 15,21						
Pagoff Call = max (K, -Sr, 0) Pagoff Call = max (St -Ke, 0)																
Pagolf Call = $\max (K_1 - Sr, 0)$ Pagolf Call = $\max (St - K_2, 0)$	f) (f	زرم	it = Pay of,	frot t	Pry off call -	Tot.	al cost	•								
Fagolf pot = $max(K_1-Sr,0)$ Pagolf Call = $max(St-K_2,0)$, i											
Pagolf Call = max (St -kz, O)																
			Pagods put =	Max	(K'-2L'0)											
The lower breaking Erra peint is 74,79 and to upper break even point is 125.			PanoKL (all =	m 62	(St -K a)											
			Payoff Call =	(m 6)	$(St - k_{\epsilon}, \sigma)$											
	7		, ,			>	U 2a	f	+ 4	Uppr c	becall	0/1/0	n lut	} (1)	E
	7		, ,			7	4,79	and	tu	Upper	break	even	point	15	121	ن
	1		, ,			7	4,79	and	tu	Upper	break	evin	point	is	121	5
	1		, ,			7	4,79	ant	tu	Upper	break	evin	point	is	121	5
	1		, ,			7'	4,79	and	tu	Upper	break	evin	point	15	121	5
	1		, ,			7	4,79	and	† u	Upper	break	evin	point	15	121	5
	1		, ,			7	4,79	an đ	tu	Upper	break	even	point	ì S	121	5
	1		, ,			7	4,79	and	† u	Upper	break	even	point	ìS	121	5
	1		, ,			7	4,79	an đ	+ u	Upper	break	even	point	ì S	121	5
	1		, ,			7	4,79	and	† u	Upper	break	even	point	; 5	121	5
	1		, ,			7	4,79	an đ	+ u	Upper	break	even	point	ì S	121	4
	1		, ,			7	4,79	and	† u	Upper	break	even	point	; 5	121	5
	1		, ,			7	4,79	and	+ u	Upper	break	even	point	ì S	121	4
			, ,			7	4,79	anó	† u	Upper	break	even	point	15	121	5
			, ,			7	4,79	and	+ u	Upper	break	even	point	<i>i s</i>	121	5
			, ,			7	4,79	and	† u	Upper	break	even	point	15	121	f .
			, ,			7	4,79	and	+ u	Upper	brcak	even	point	<i>i s</i>	121	4
			, ,			7	4,79	and	† u	Upper	break	even	point	15	121	۲,