Nar	ame: Ma	Math 1030 Quiz $\#4A$ (June 16 th , 2010)	
1.	1. Bob's store sells a lot of ice cream bars. In fact, Bob plathat Bob pays \$2 per bar and \$60 to get a shipment of inventory costs are \$0.85 per bar per year (base inventory assumptions). If $C(x)$ is Bob's ice cream bar cost function	delivered. Bob has also estimated that his y costs on the average with all the standard	
	$C(x) = \underline{\hspace{1cm}}$		
	Bob's ideal EOQ is His minimal annu	ial cost is \$	
2.	2. When Bob charges \$5 he usually sells 20 bars in a day. usually sells 45 bars in a day.	On the other hand, if Bob charges \$3 he	
	Given this data, Elasticity $E = \underline{\hspace{1cm}}$.		
	If Bob's point elasticity is $\varepsilon = 0.876$ when he charges \$5.50, should Bob raise or lower the price to increase his revenue? Or has Bob already maximized his revenue?		
Nar	ame: Ma	th 1030 Quiz #4A (June 16 th , 2010)	
1.	1. Bob's store sells a lot of ice cream bars. In fact, Bob plathat Bob pays \$2 per bar and \$60 to get a shipment of inventory costs are \$0.85 per bar per year (base inventory assumptions). If $C(x)$ is Bob's ice cream bar cost function	ans on selling 15000 bars this year. Suppose delivered. Bob has also estimated that his y costs on the average with all the standard	
	$C(x) = \underline{\hspace{1cm}}$		
	Bob's ideal EOQ is His minimal annu	ial cost is \$	
2.	2. When Bob charges \$5 he usually sells 20 bars in a day. usually sells 45 bars in a day.	On the other hand, if Bob charges \$3 he	
	Given this data, Elasticity $E = \underline{\hspace{1cm}}$.		
	If Bob's point elasticity is $\varepsilon = 0.876$ when he charges \$5 increase his revenue? Or has Bob already maximized his	· -	

Naı	ame:	Math 1030 Quiz #4B (June 16 th , 2010)	
1.	. Bob's store sells a lot of ice cream bars. In fact, Bob plans on selling 5000 bars this year. Suppose that Bob pays \$3 per bar and \$125 to get a shipment delivered. Bob has also estimated that his inventory costs are \$0.50 per bar per year (base inventory costs on the average with all the standard assumptions). If $C(x)$ is Bob's ice cream bar cost function		
	C(x) =		
	Bob's ideal EOQ is His mi	nimal annual cost is \$	
2.	2. When Bob charges \$6 he usually sells 10 bar usually sells 25 bars in a day.	rs in a day. On the other hand, if Bob charges \$4 he	
	Given this data, Elasticity $E = $		
	If Bob's point elasticity is $\varepsilon = 4.321$ when he charges \$6, should Bob raise or lower the price to increase his revenue? Or has Bob already maximized his revenue?		
Naı	ame:	Math 1030 Quiz #4B (June 16th, 2010)	
	Bob's store sells a lot of ice cream bars. In fact, Bob plans on selling 5000 bars this year. Suppose that Bob pays \$3 per bar and \$125 to get a shipment delivered. Bob has also estimated that his inventory costs are \$0.50 per bar per year (base inventory costs on the average with all the standard assumptions). If $C(x)$ is Bob's ice cream bar cost function		
	C(x) =		
	Bob's ideal EOQ is His mi	inimal annual cost is \$	
2.	2. When Bob charges \$6 he usually sells 10 bar usually sells 25 bars in a day.	rs in a day. On the other hand, if Bob charges \$4 he	
	Given this data, Elasticity $E = $	·	
	If Bob's point elasticity is $\varepsilon = 4.321$ when I increase his revenue? Or has Bob already ma	ne charges \$6, should Bob raise or lower the price to ximized his revenue?	