Name:		Mat	_ Math 1030 Quiz #3 (July 17 th , 2013)		
1.	. After some research we found that our demand price function is $p_d(q) = -1.23q + 45$ (dollars per item). In addition, our fixed costs are \$90 and our variable costs are \$6.78 per item.				
	(a) Revenue: $R(q) =$	Cost:	C(q)) =	
	(b) Find both break even points. Round	q to 3 decimal place	ces.	<i>q</i> =	
	(c) $MP(25) = $				
	(d) Are we making a profit or losing mon	ey when we sell q	= 25	items? Profit / Loss	
2.	All we know is that $R(20) = \$100$ and $MR(20) = \$5$. Compute $R(q)$ at the following quantities. Circle "Exact" if the answer is exact or "Approximate" if the answer is an approximation using the marginal function.				
	(a) $R(18) =$	_ Exact	/	Approximate	
	(b) $R(19) =$	_ Exact	/	Approximate	
	(c) $R(21) =$	_ Exact	/	Approximate	
	Math 1030 Quiz #3 (July 17 th , 2013) After some research we found that our demand price function is $p_d(q) = -1.23q + 45$ (dollars per item). In addition, our fixed costs are \$90 and our variable costs are \$6.78 per item.				
	(a) Revenue: $R(q) =$ Cost: $C(q) =$ (b) Find both break even points. Round q to 3 decimal places. $q =$				
	(c) $MP(25) =$		•		
	(d) Are we making a profit or losing mon		= 25	items? Profit / Loss	
2.	All we know is that $R(20) = \$100$ and $R(20) = \$1$				
	(a) $R(18) =$	_ Exact	/	Approximate	
	(b) $R(19) =$	_ Exact	/	Approximate	
	(c) $R(21) = $			Approximate	