Answer:

it was compounded quarterly.

## Long answer question — you must show your work

g.	g answer question — you must snow your work	
3.	3. 4 marks An umbrella factory sells 6,000 umbrellas a year at the cost of \$8 a piec umbrella sale last December showed that a decrease of \$1 in the price of an um caused an increase in selling of 500 umbrellas a month.	
	Find the linear demand equation for the umbrellas. Use the notation $p$ for price for the monthly demand.	and $q$
	Answer:	
	(a)	
b)	c) Compute the maximal revenue of the factory.	
	Answer:	