Inverse demand for movie tickets is:

6:09 PM

$$p_s$$
=16-0.01 q_s for senior citizens and p_A =24-0.01 q_A for others. $q_A = 21-\rho_A$

The marginal cost of serving one more movie goer is \$4.

Determine the profit maximizing prices for each type of customer.

	Α	В	С	D	Ε
1		Quantity	Price	Cost	Total
2	Senior	600.000016	9.9999984	2400.00007	3600
3	Other	1000.00001	13.9999999	4000.00002	10000
4	A bit of solver to make sure I'm on the right track				13600