Inverse demand is, p=-5+0.5m-0.75q, where m is per capita income. If the cost per unit is constant at \$5, calculate the profit maximizing price as a function of per capita income. How much does the profit maximizing price increase per \$1 increase in per capita income?

$$0 = -40 + .5 - 1.59$$
 $10 = .5 - 1.59$ 
 $10 = .5 - 1.59$ 
 $9 = -6.66 + .73$ 

IF ?+15 1.5~...

The Price increases by 300% Per \$1 increase in Per capital incomp