$P = 4 - .05Q$ $C = 10 - .5Q$ $MR = 4 - .1Q$

$C(Q) = F + CQ$ $.5 = 4 - .1Q$

$3.5 = .1Q$

$Q = 35$

$P = 4 - .05 \cdot 35$

$P = 2.25$

$\Pi = 1.75 \cdot 35 = 51.25$