

Solution Key: Homework for Chapter 5

1)

a) $P^* = 13, Q^* = 5.5$

b) $PS = \frac{1}{2}(11)(5.5) = 30.25$

2)

a) 3

b) 5

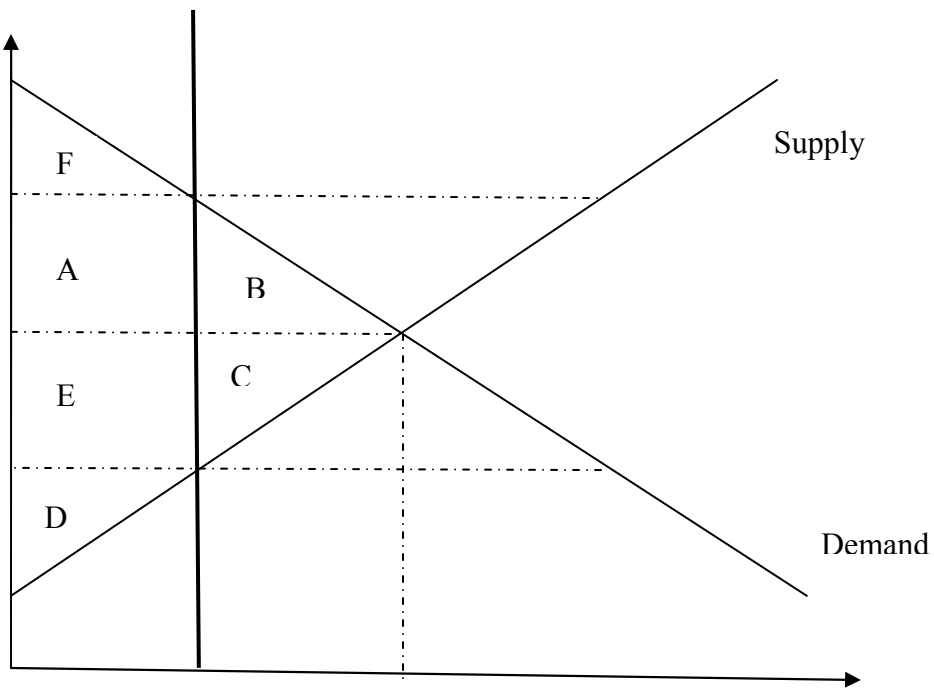
c) More

d) $CS = \frac{1}{2}(4)(200) = 400$

e) $PS = \frac{1}{2}(4)(200) = 400$

f) $DWL = \frac{1}{2}(2)(50) = 50$

3)



Old CS = A, B, F

Old PS = C, D, E

New CS = F

New PS = A, D, E

TS is reduced by B, C