

Week 15

(A) $60 - 2q = 30 \rightarrow q = 15 \rightarrow p = 45 \Rightarrow TC = 45 \times 15 - 30 \times 15 = 225$
 $CS = 15 \times 15 / 2 = 112.5$, $TS = 225 + 112.5 = 337.5$ $DWL = 112.5$

(B) $60 - q = 30 \rightarrow q = 30 \Rightarrow TC = 30 \times 30 / 2 = 450$
 $CS = 0$, $TS = 0 + 450 = 450$ $DWL = 0$

(C) $CS = (10 \times 10 / 2) + (10 \times 10 / 2) = 100$
 $TS = 100 + 300 = 400$ $DWL = 450 - 400 = 50$