

7. Incorrect. The answer is true not false. Set $Q_d = Q_s \Rightarrow Q_d = 92.5 - 1P_d = Q_s = -13.4 + 2P_s$. $-3P = -105.9 \Rightarrow P = -105.9 / -3 = \mathbf{35.3}$. $Q = 92.5 - 35.3 = \mathbf{57.2}$.