$Q_D = 1000 - 2P$

$Q_O = 500 + 8P$

$1000 - 2P_E = 500 + 8P_E$

$1000 - 500 = 8P_E + 2P_E$

$500 = 10 P_E$

$\boxed{P_E = 50}$

Equilibrio

$Q_D(50) = 1000 - 2(50) = 900$

$Q_O(50) = 500 + 8(50)$

$\boxed{Q_E = 900}$

$0 = 1000 - 2P$

$P_0 = 500$

$0 = 500 + 8P$

$-500 = 8P$

$-40 = P_0$

$Q_d\overset{50}{()} = 900$

$Q_d = 1000 - 2(200)$

$Q_d(200) = 600$

$Q_O(0) = 500$

$P_0 = -40$
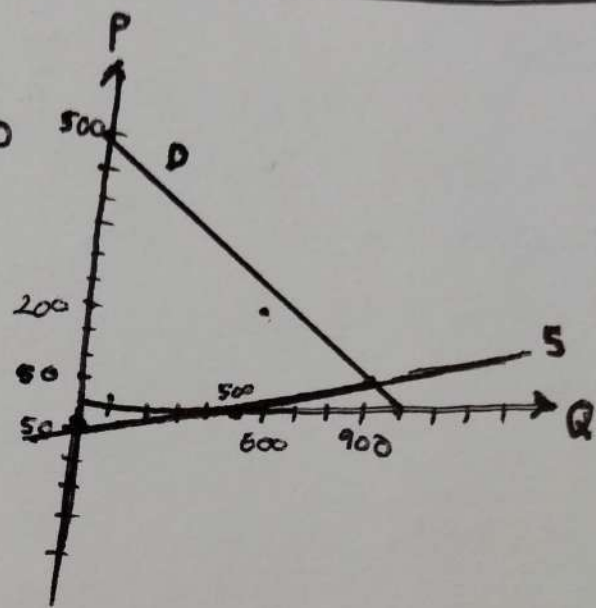
$Q_D = 400 - P$

$Q_O = 200 + 3P$

Equilibrio:

$400 - P = 200 + 3P$

$400 - 200 = 3P + P$

$200 = 4P$

$\boxed{P = 50}$

$Q_D(50) = 400 - 50 = 350$

$Q_O(50 = 200 + 3(50) = 350$
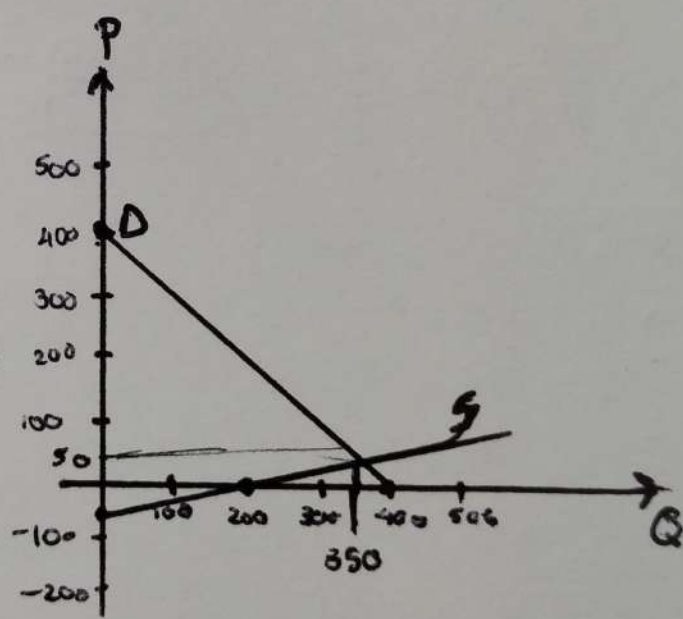
$\boxed{Q = 350}$

Qd:

$0 = 400 - P$

$P = 400$

$Q_d(0) = 400$

$Q_O:$

$0 = 200 + 3P$

$P = \dfrac{-200}{3} \approx 67$

$Q_O(0) = 200$

• $Q_D = 150 - 3P$

$Q_O = 30 + 3P$

Equilibrio:

$150 - 3P = 30 + 3P$

$150 - 30 = 3P + 3P$

$120 = 6P$

$\boxed{P = 20} \quad \boxed{Q = 90}$

$Q_D(20) = 150 - 3(20) = 90$
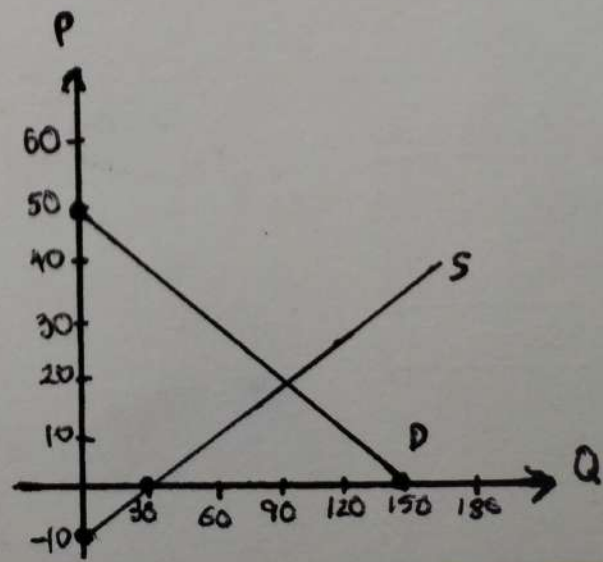
$Q_O(20) = 30 + 3(20) = 90$

Qd:

$0 = 150 - 3P$

$P = 50$

$Q_D(0) = 150$

$Q_O:$

$0 = 30 + 3P$

$P = -10$

$Q_d(0) = 30$

$\ast$ $Q_D = 200 - 5P - P_D 5$

$Q_0 = 100 + 3P + 2P_z$

$P_D = 0.4$

$P_z = 0.8$

$Q_D = 200 - 5P - 5(0,4)$

$\rightarrow Q_D = 198 - 5P$

$Q_0 = 100 + 3P + 2(0,8)$

$\rightarrow Q_0 = 101,6 + 3P$

Equilibrio:

$198 - 5P = 101,6 + 3P$

$198 - 101,6 = 3P + 5P$

$96.4 = 8P$

$P = 12.05$

$\boxed{P = 12}$

Q_D:

$0 = 198 - 5P$

$5P = 198$

$P = 39.6$

$Q_D(0) = 198$

Q_0:

$0 = 101,6 + 3P$

$\dfrac{-101,6}{3} = P$

$P = -33.8$

$Q_0(0) = 101,6$

$Q_D(12) = 138$

$Q_0(12) = 137,6$

$\boxed{Q = 138}$
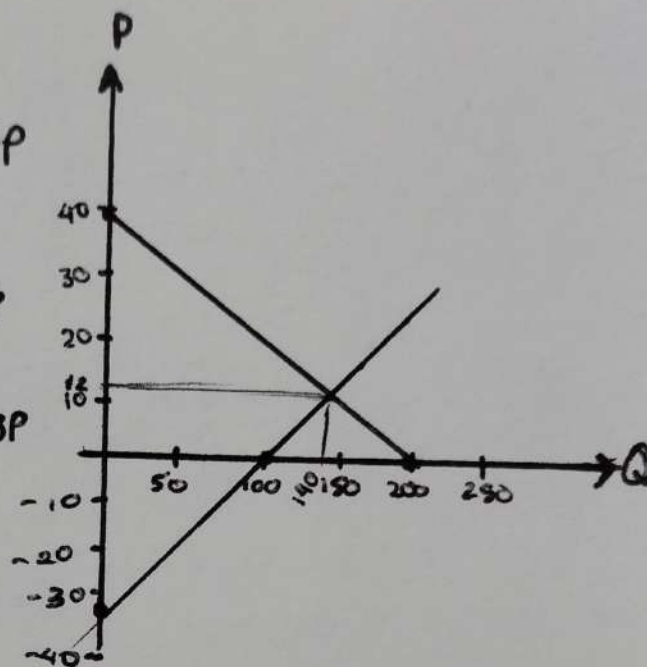
$\ast$ $Q_D = 950 - P - 3(2)$

$\rightarrow Q_D = 944 - P$

$Q_0 = 500 + 2P - 100$

$\rightarrow Q_0 = 400 + 2P$

Equilibrio

$944 - P = 400 + 2P$

$944 - 400 = 3P$

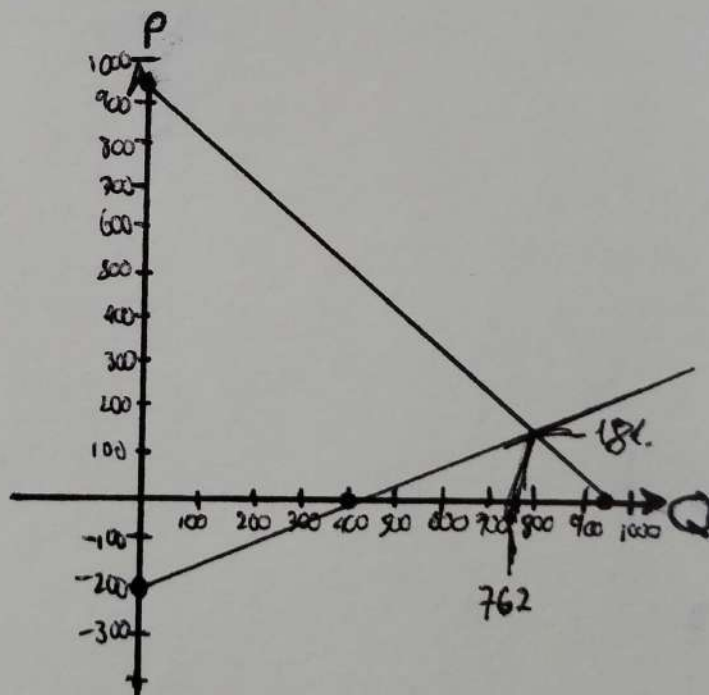$\dfrac{544}{3} = P$

$\boxed{P = 181.3}$

$Q_0(181.3) = 400 + 362.6 = 762.6$

$Q_D(181.3) = 944 - 181.3 = 762.7$

$\boxed{Q = 762.6}$

Q_0:

$0 = 944 - P$

$P = 944$

$Q_D(0) = 944$

$Q_0: 0 = 400 + 2P$

$\dfrac{-400}{2} = P$

$P = -200$

$Q_0(0) = 400$

William Andrés
Gómez Roa.