

Quiz 1 EE320 (15 minutes)

Semester 1/2020

Suppose that in the market for pineapples there are three consumers: person A whose demand curve is $Q^A = -P + 5$, person B whose demand curve is $Q^B = -2P + 6$, and person C whose demand curve is $Q^C = -\left(\frac{3}{4}\right)P + 3$.

- a. (3 points) Determine who demands pineapples at what price ranges.
- b. (6 points) Derive market demand equation
- c. (5 points) Suppose that the market supply is $P = Q$. Solve for the market equilibrium. How many consumers are there in the equilibrium.