Horizontal summation of demand 60-3330 40 -20 70 20-34 8 P= 100 - 20 Qy P= 52-4Q= To som demand vertically, rewrite in terms of Q. horizoutally  $Q_y = 5 - .05P$ Q=13-,25P Qmarket = Qy + Qz = (5-,05P) + (13-,25P) = (18 - . O.SP) P= 60-3,330 When P = 40, Q Market = 6 When P=20, Quarket= 12 But note: When P>5Z, Q= 0 50 The curve has a Qmarket = 5 - . 05 P # 52 < P < 100 Kink at P=57 Umg, ket = 18 - .3P if PL57