Price Controls: Price Ceiling := a max price sellers can legally charge (must lie below eq. p to be effective)



blower prices but cause shortages... Qs determines Q

uninhended consequences: longer search time, black markets, add-ons, discrimination by seller, low quality products

Price Floor := a min price sellers can legally charge (must lie above eq. p to be effective)

increase prices but cause surpluses ... Q⁰ determines Q

how to fix surplus: increase demand or decrease supply

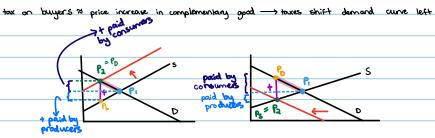
purchase the surplus product at price floor

Quantity Controls: mandate:= requirement to buy or sell a minimum amount of a good quota := a limit on the maximum amount of goods that can be sold



Taxes 3 Substidies: tax:= the amount the government collects for every unit produced sold

tax on sellers \approx additional cost \longrightarrow taxes increase marginal costs $\frac{3}{2}$ shift supply curve left



equal tax on producers or consumers yields equal price of quantity changes

=> By convention, tox the supply side: Ex: PD= 14-3QD

$$Q = \frac{3}{2} \rightarrow \rho = \frac{15}{2}$$

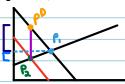
subsidy := the amount the government pays for every unit produced | sold

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Price Elasticity 3 Tax Incidence

less elastic curve => bear more tax





Ex:
$$\rho^{0} = 14 - 3Q^{0}$$
 $| 14 - 3Q = 6 + Q = 2 + 4Q = 8 = 2 = 2 + P = 8$
 $\rho^{5} = 6 + Q^{5}$ $| 14 - 3Q = 6 + Q = 2 + 4Q = 8 = 2 = 2 + P = 8$
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