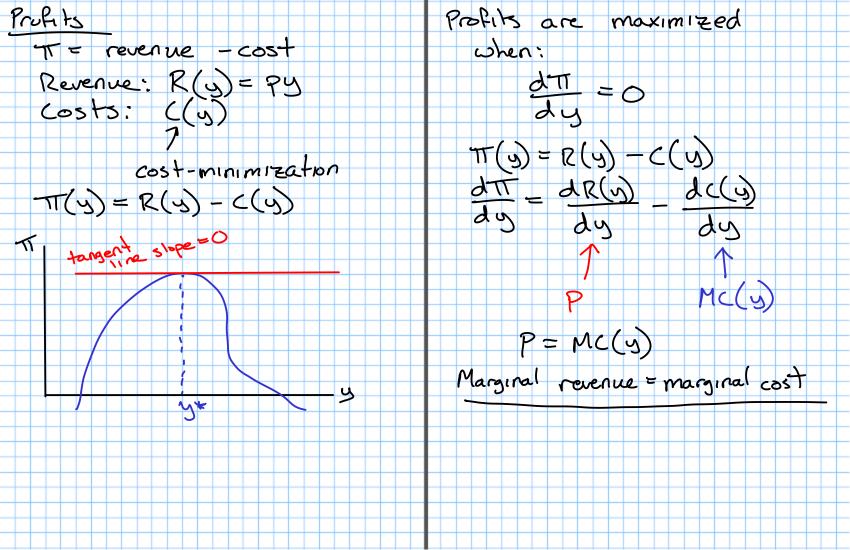
Perfect competition · Perfect information - Everyone can observe · Homogenous products all prices simultaneously -> everyone produces -> In competitive markets, exactly the same y · Many firms
- actions of individual there is only one market price -> Firms are "price takers" firms don't affect - They don't have any the market as a power to choose a whole price · Free entry/free exit - firms can costlessly enter and exit the market



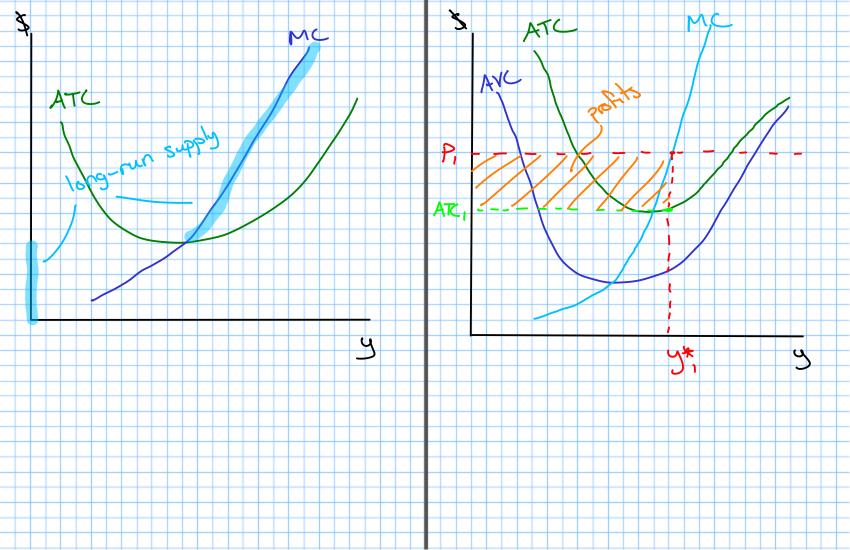
In competitive markets, MC(y) each firm faces a horizontal demand curve (changes in supply have no effect on price) Short-run profit max · Fixed K · Fixed number of firms $C(y) = F + C_{v}(y)$ · Suppose y=0 (the firm has shut down in Short run)

p.y > < ('y') P > (v(y) P > AVC

P.y - F - (,(y) > - F

p.y - (v(y) > 0

Long-run T-max MC · Firms can adjust K and -> leave the market if they wish TT(0) =0 Py - c(y) =0 Firm exits the market Ч IF P< ATC



Result: " In the long run, firms exit the market when P is less than ATC ATC · In the short run, firms may be willing to incur negative profits

	\Box
Long-run Equilibrium	_
	_
	4
· Suppose firm is	4
producing yt output	_
producting 9 output	4
$\pi(g^*) > 0$	_
$\frac{1}{1}$	4
· Free entry/exit	4
rree eritionexi	_
· More firms enter the	4
1 or 6 Living Alivel Inc	4
market	4
	4
Market supply increases	4
Market sapping mereases	4
PU	4
	4
	4
	4
	4
· Long run profits in	4
	+
competitive markets:	4
TT(y) = 0	+
$(1, C_3) = 0$	+
	+
	+
	+
	+
	+
	+
	+
	+