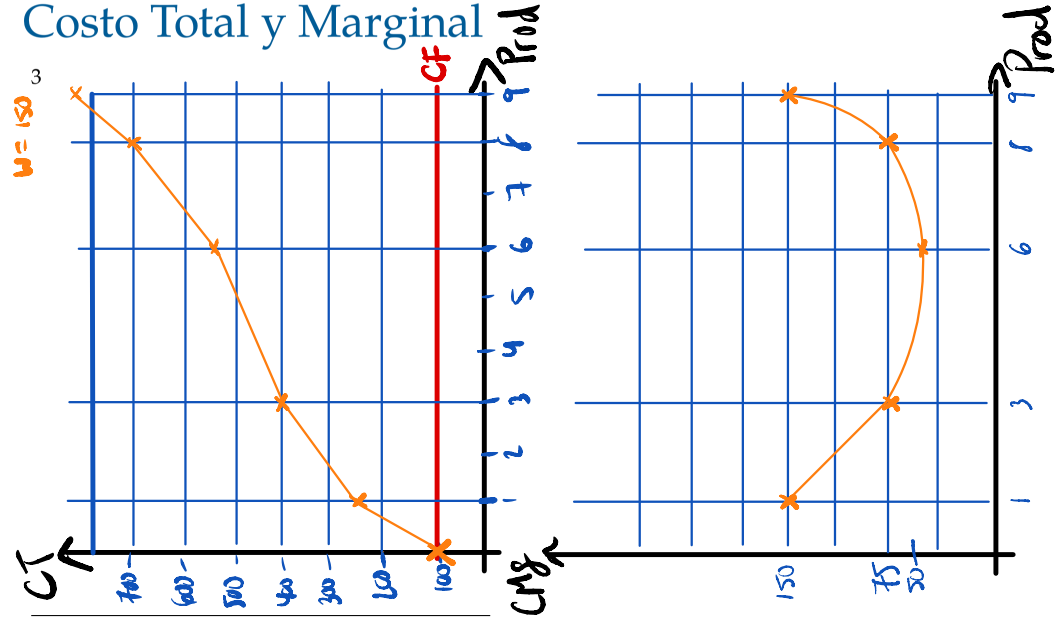
Costo Total y Marginal



[3]Hacer dos gráficas: arriba CT y abajo CMg, ambas en función de output; U-shaped

Costos

Costo Fijo

$AVC = 100$

$AVC = \frac{CV}{Q}$

$\frac{CV}{Q} = 100 \Rightarrow CV = 100$

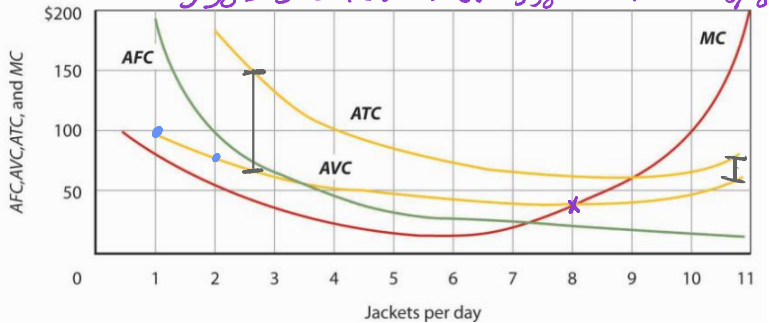
$\frac{CT}{Q} = \frac{CV}{Q} + \frac{CF}{Q}$

$\frac{CF}{Q}$

$\frac{CV}{Q}$

Quantity/day	0	1	2	3	4	5	6	7	8	9	10	11
Total cost	$200	$300	$363	$400	$433	$458	$480	$500	$538	$600	$700	$900
AFC		$200	$100	$67	$50	$40	$33	$29	$25	$22	$20	$18
AVC		$100	$82	$67	$58	$52	$47	$43	$42	$44	$50	$64
ATC		$300	$182	$133	$108	$92	$80	$71	$67	$67	$70	$82
MC		$100	$63	$37	$33	$25	$22	$20	$38	$62	$100	$200

$538 = 200 + CV \Rightarrow CV = 338 \Rightarrow AVC = 338/8 = 42$



Source: Rittenberg et al., Principles of Microeconomics