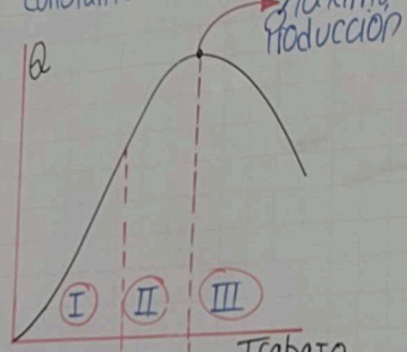
Medio

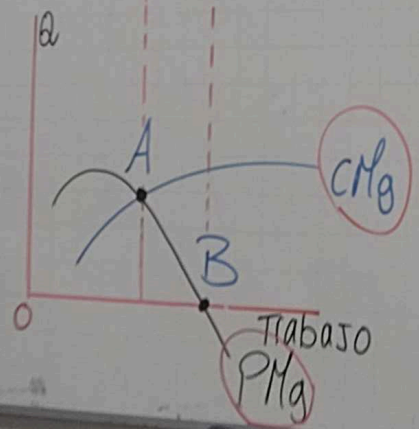
con la
ctor variable.

s Costos ✓
n Gana. ✓

Función de Producción en el Costo Plazo

* Condición
  - N, K, L → Variable
  - Constante





Donde:

- A → Óptimo técnico
  - CMg = PMg
- B → Máximo técnico
  - PMg ≤ 0
  - Máxima Producción

Etapas:

- I → Ineficiente
  - PMg > CMg
- II → Eficiente
  - CMg > PMg
- III → Ineficiente
  - PMg ≤ 0

FO

* C
C
6
* CM
* P
* I
* U
* C
* I
* E

Formulas:

* $CT = CF + CV$

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

* $CMe = CFMe + CVMe$
* $Pv = Pc + G$
* $IT = Pv * Q$
* $UT = IT - CT$
* $CMg = \frac{\Delta CT}{\Delta Q} = \frac{CT_2 - CT_1}{Q_2 - Q_1}$
* $IMg = \frac{\Delta IT}{\Delta Q} = \frac{IT_2 - IT_1}{Q_2 - Q_1}$
* $Em = \frac{CF}{Pv - CVMe}$

Ejercicios:

① $Q = 40$, $CF = 600$, $CV = 800$

$CMe = \frac{CT}{Q} = \frac{1400}{40} = 35$

③ $CVMe =$, $Pv = 10$, $CF = 400$

* $Em = \frac{400}{10 - 8} = 200$
* $IT = Pv * Q$
  ↳ $10 \times 200 = 2000$
* $CVMe = \frac{CV}{Q} \rightarrow 8 \times 2000 = 1600$ (CV)
* $CT = 400 + 1600 = 2000$

(25) $Q = 100$, Pensión $= Pv = 800$, $CMe = 700$

$UT = IT - CT$

$80000 - 70000 = 10000$

$CMe = \frac{CT}{Q}$

$Q \times CMe = CT$

$100 \times 700 = 70000$

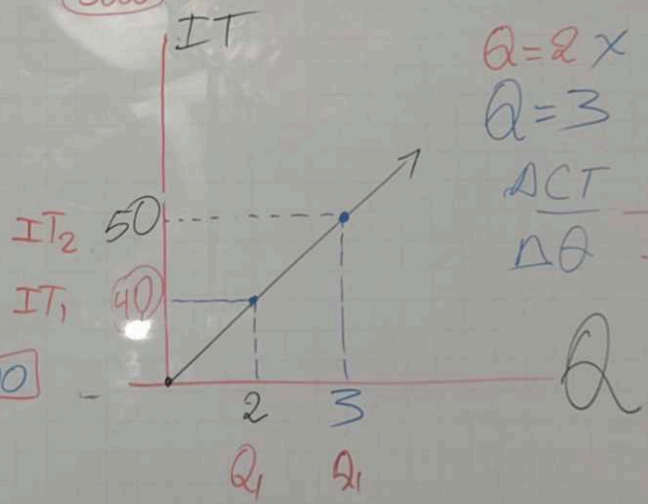
(26) $CF = 1000$

$CV = 100$ ①

$1 = 100$ >+100
$2 = 200$ >+100
$3 = 300$
$\vdots$
$20 = 2000$

$CT = 1000 + 2000$

3000



$m = \frac{Y_2 - Y_1}{X_2 - X_1} = \frac{8 - 4}{6 - 2} = \frac{4}{4} = 1$

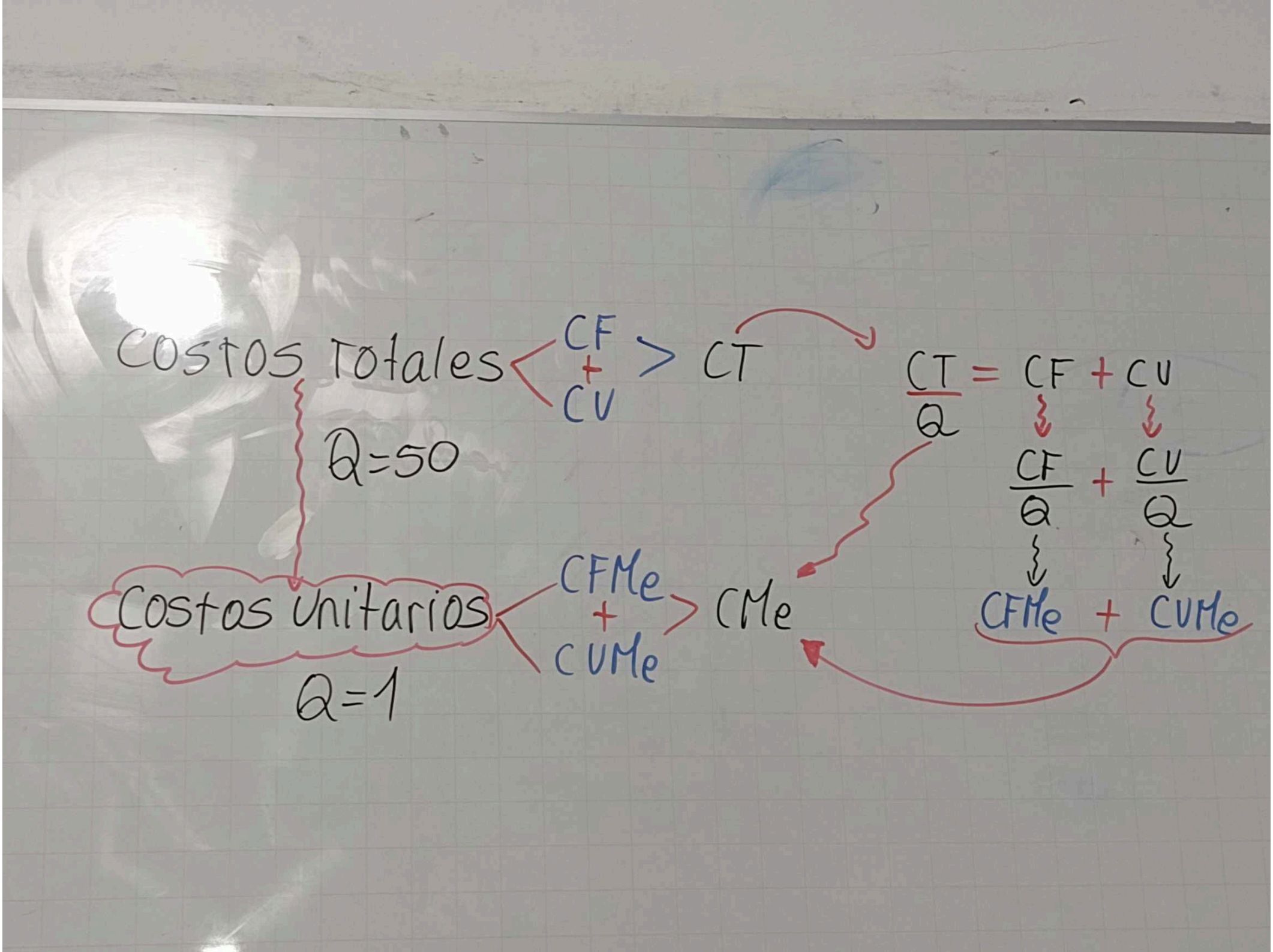
$Q = 2x$

$Q = 3$

$\frac{\Delta CT}{\Delta Q} \quad \frac{50 - 40}{3 - 2} = 10$

$2x \quad x \quad 3x$

-3


Costos Totales
CF + CV > CT
Q=50
Costos unitarios
CFMe + CVMe > CMe
Q=1
CT/Q = CF + CV
CF/Q + CV/Q
CFMe + CVMe