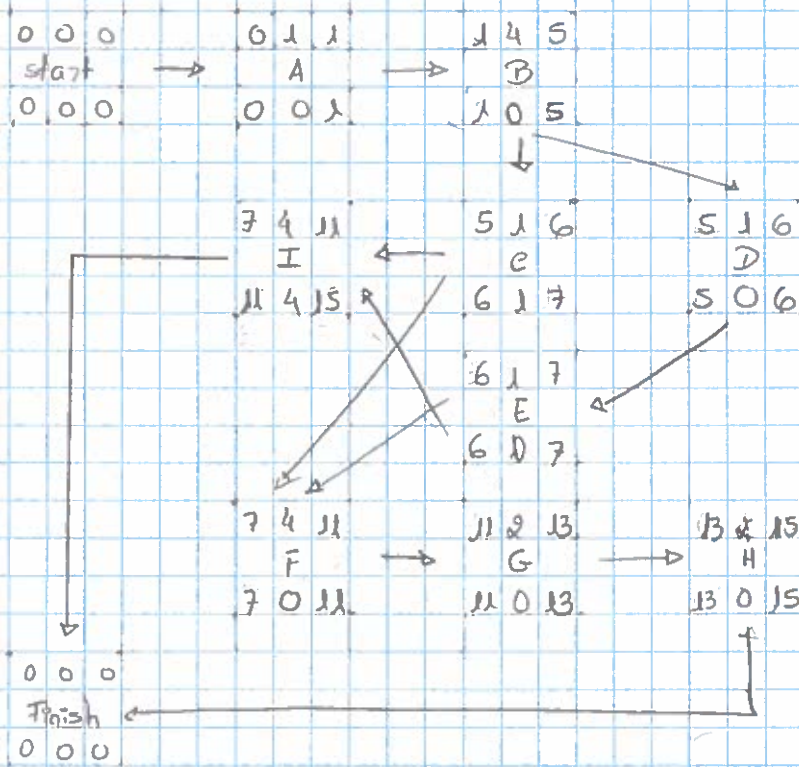


→ Lab Session 3: Earned Value Management

↳ Exercício 3.1:

duracões: dias



Gantt chart

Atividade

A

B

C

D

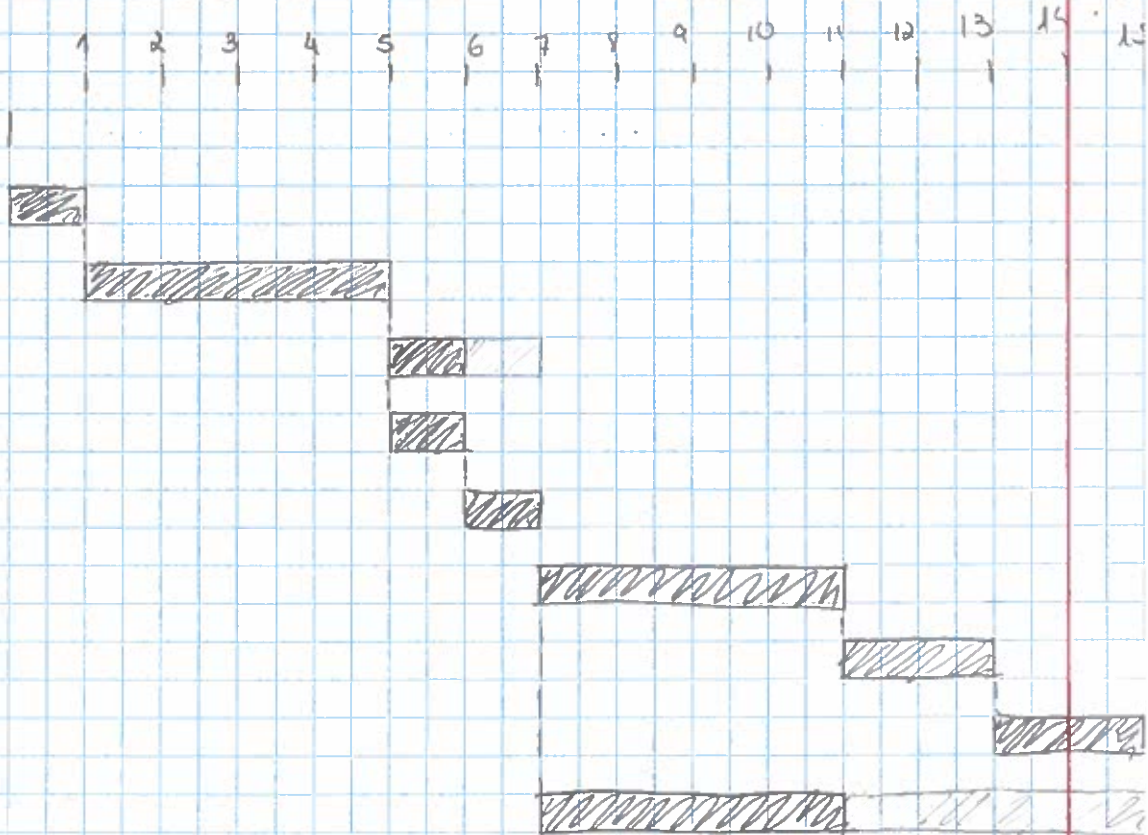
E

F

G

H

I



Actual Dur

Activitate

A

B

C

D

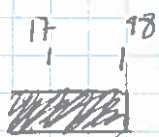
E

F

G

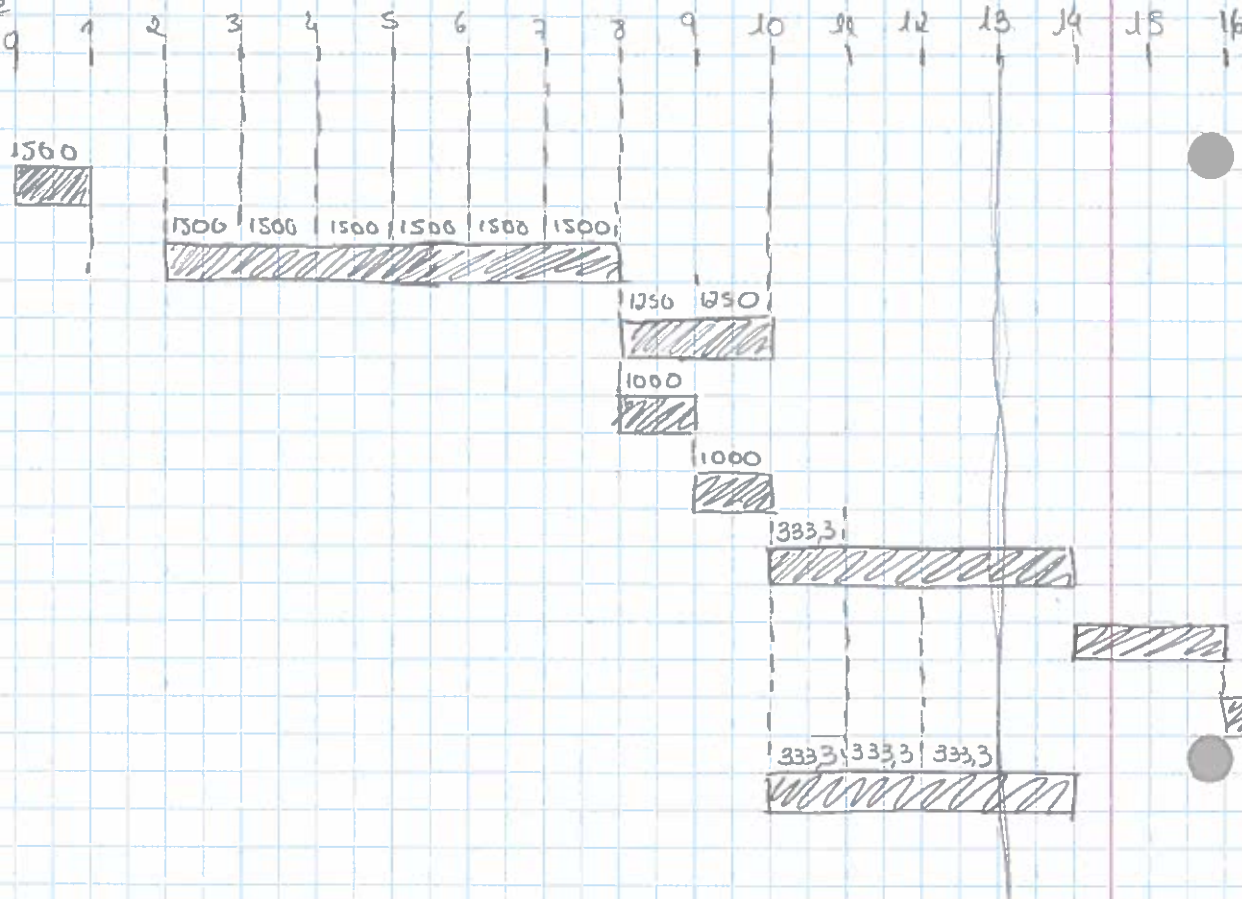
H

I



Exercise 3.2.:

nota: o actual cost act start,
e act dur 7 km hanc
ate à semana 13



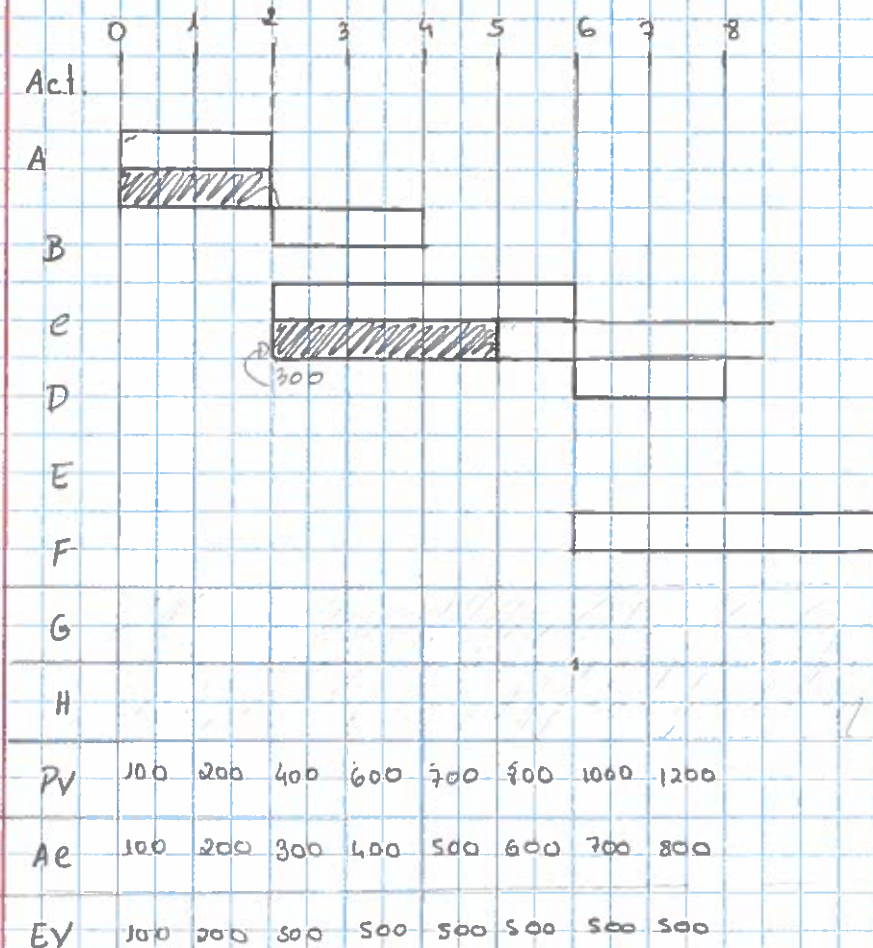
↳ Exercício 2:

Act	Pre	Dur	PV	PV _{enc}	Act Post	EY
A	/	1	10000	10000		
B	A	1	10000	20000		
C	B	1	10000	30000		
D	C	1	10000	40000		
E	D	1	10000	50000		
F	E	1	10000	60000	65000	70000
G	F	1	10000	70000		
I	G	1	10000	80000		
J	H	1	10000	90000		
K	I	1	10000	100000		

$$SP\% = EV/PV \quad EP\% = EV/AE$$

$$SP\% = 70/6 \quad EP\% = 70/65$$

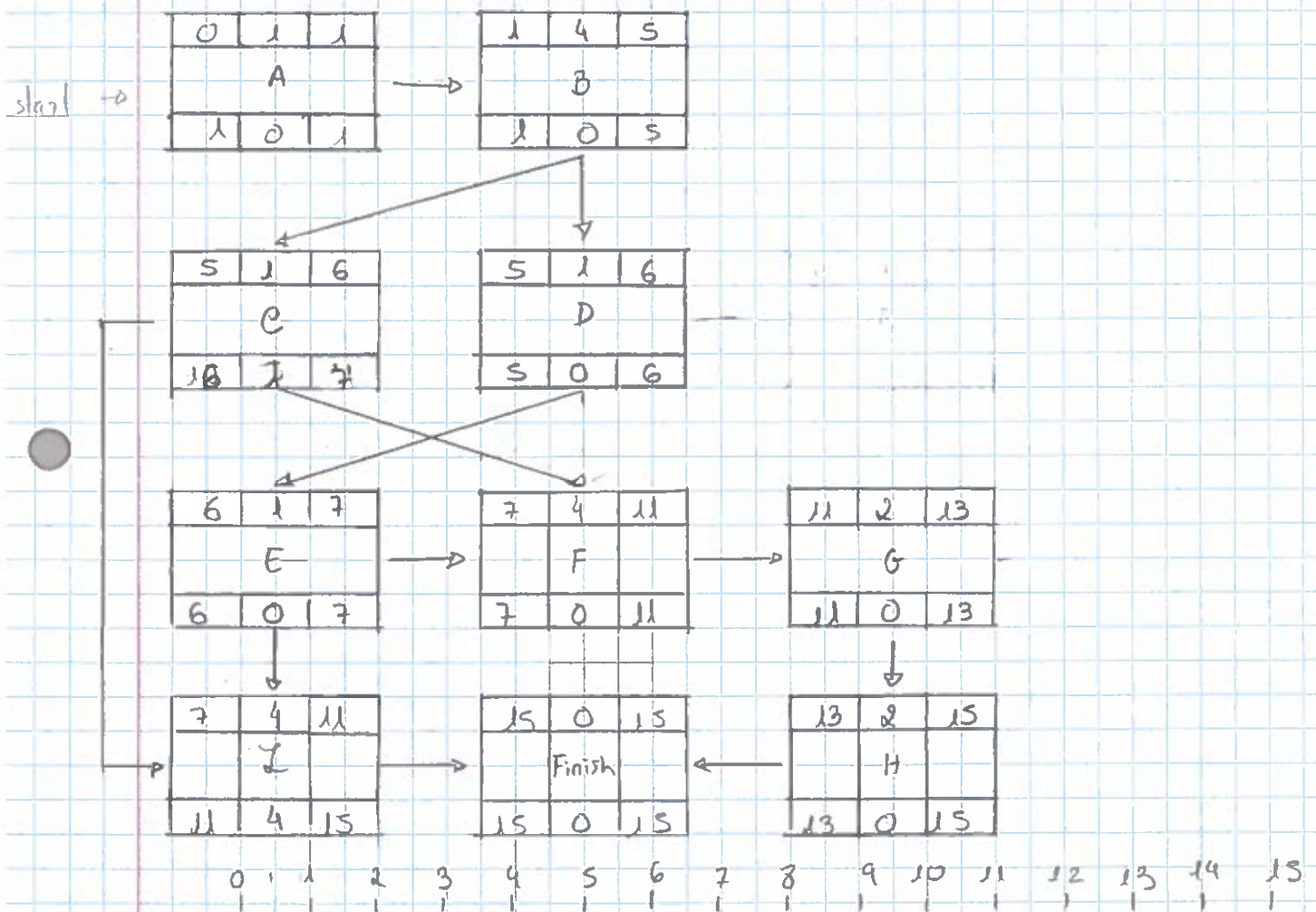
↳ Exercício 3:



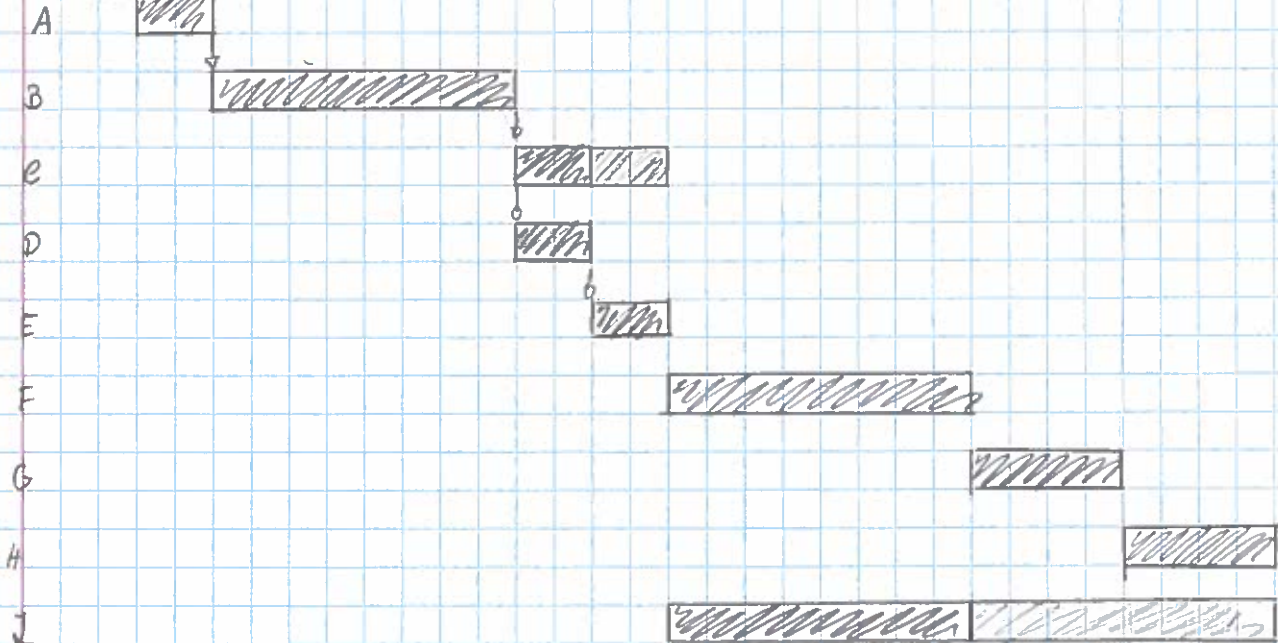
→ Lab. 2: Earned Value Management

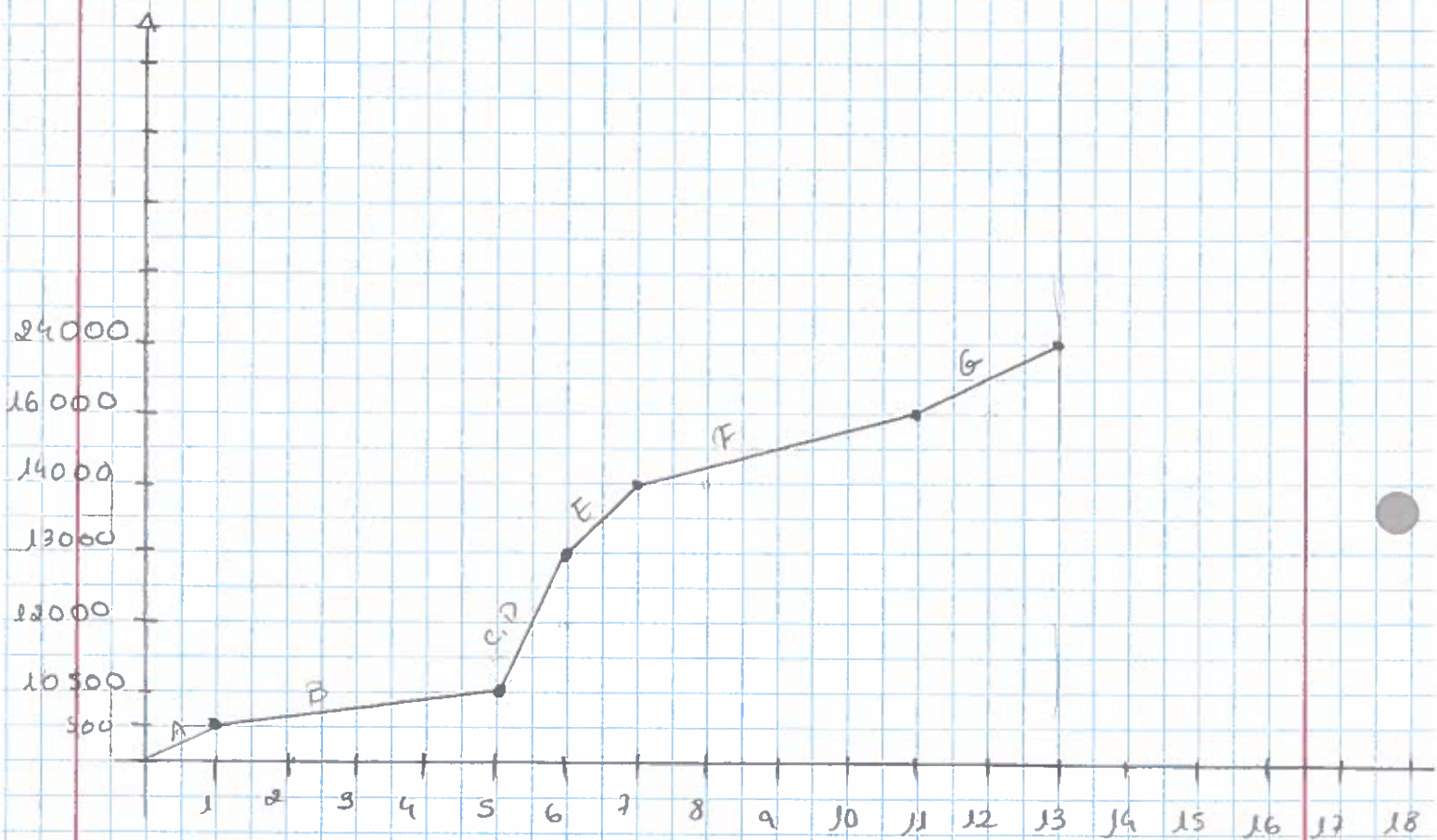
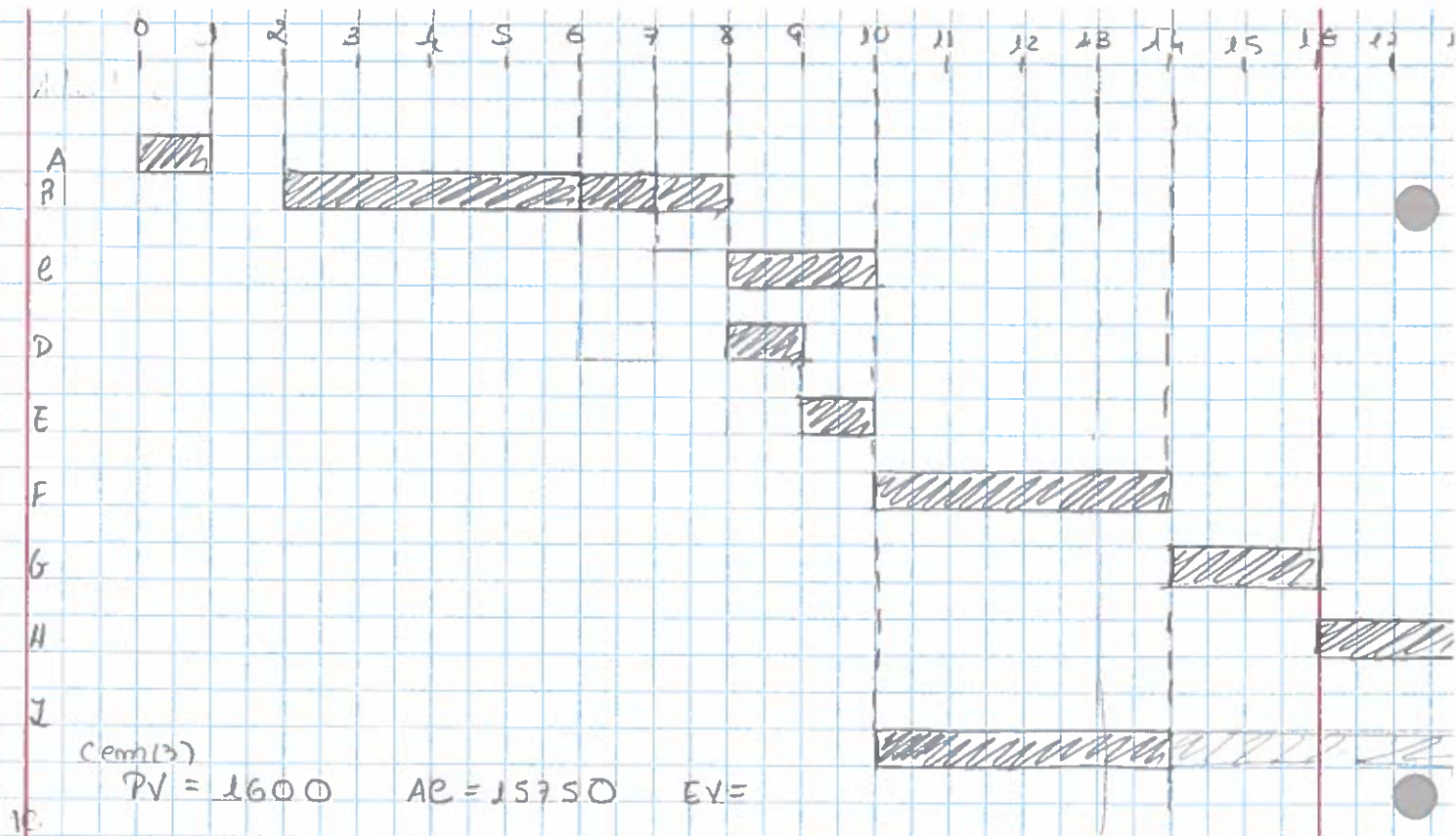
↳ Exercício 1:

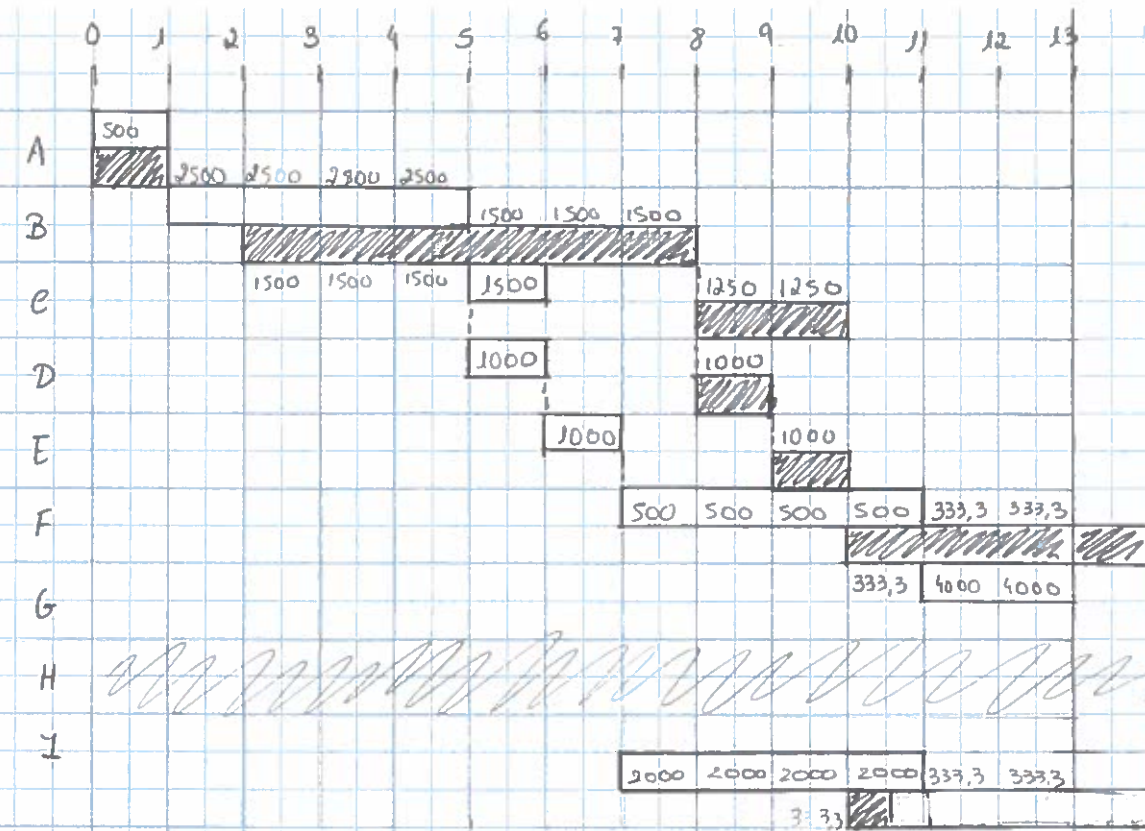
AON:



Atividade 500







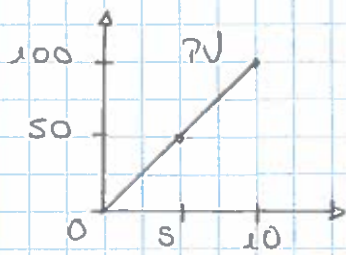
7V	500	3000	5500	8000	10500	13000	14000	16500	19000	21500	24000	28000	32000
AE	1500	1500	3000	4500	6000	7500	9000	10500	12750	15000	15666	15900	169993
EV	500	500	5500	5500	5500	5500	5500	5500	12250	13250	18250	18250	18250

↳ Exercício 2:

$$PV = (\% \text{ planejado}) \times (BAE)$$

no dia 6 $\rightarrow PV = 60$

$$EV = 70 \quad EV = \% \text{ feito} \times BAE$$



$$SPI = 70/60 = 1,17$$

$$CPI = EV/AE = 70/65 = 1,07$$

como $spi > 1$, o projeto encoraja-se adiantado

como $cpi > 1$, o custo planejado foi subestimado (em relação ao custo real)

↳ Exercício 3:

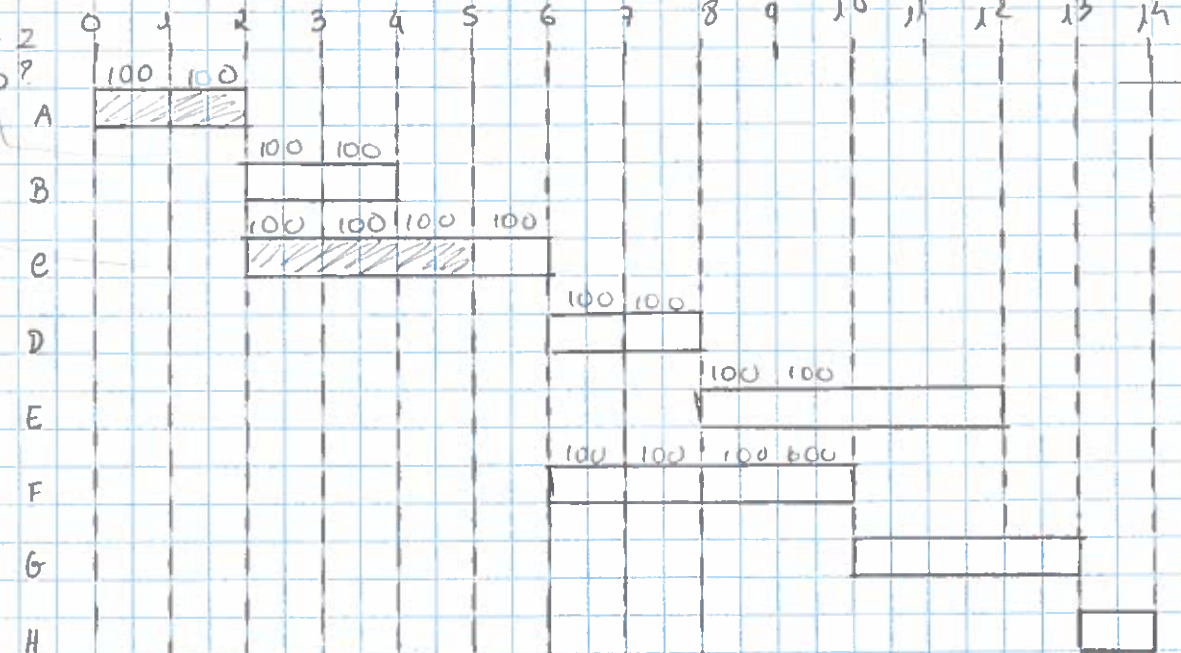
↳ planned

A $\rightarrow 100\%$

E $\rightarrow 75\%$

□ $\rightarrow$ planned
▨ $\rightarrow$ feito

como são 2
atras é 50/50?



PV 100 200 300 400 500 600 700 800

AE 100 200 300 400 500 500 500 500

EV 6 5 4 1

CPI

SPI

$\rightarrow$ budget = 100 p/dia
 $\rightarrow$ AC 100 p/dia

SPI 1,17