

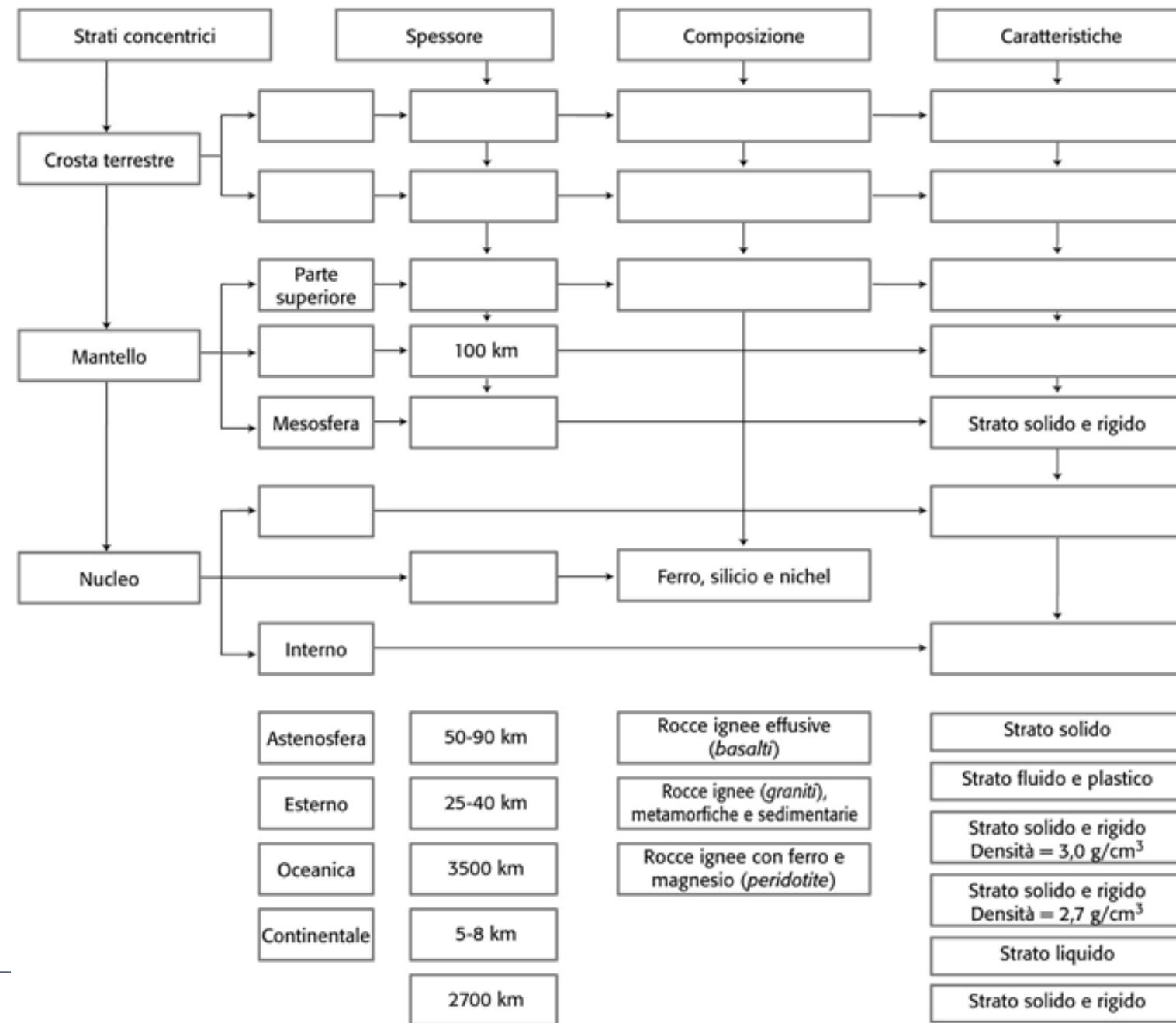


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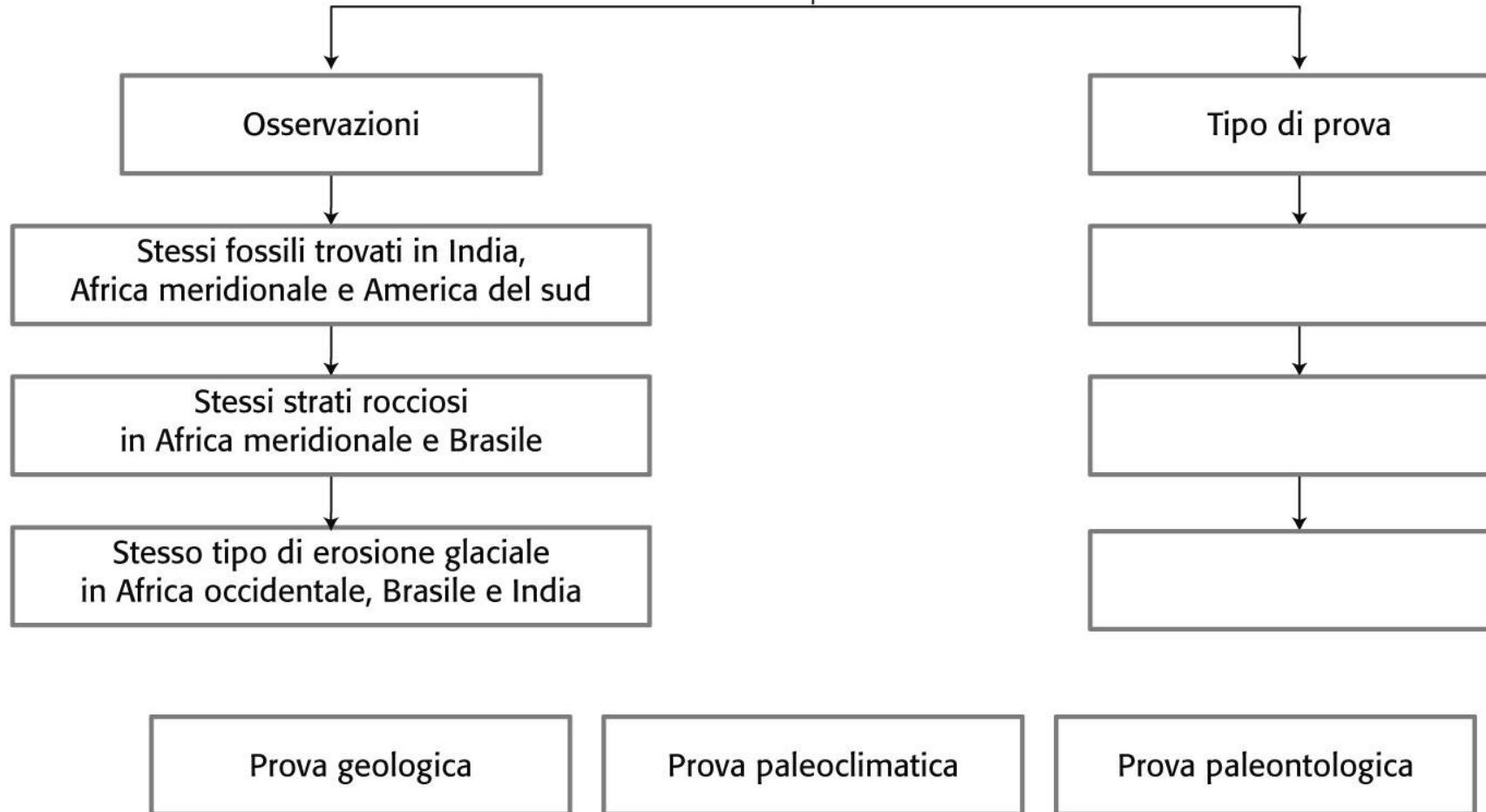
Fisica Terrestre

Tettonica delle placche - Esercizi

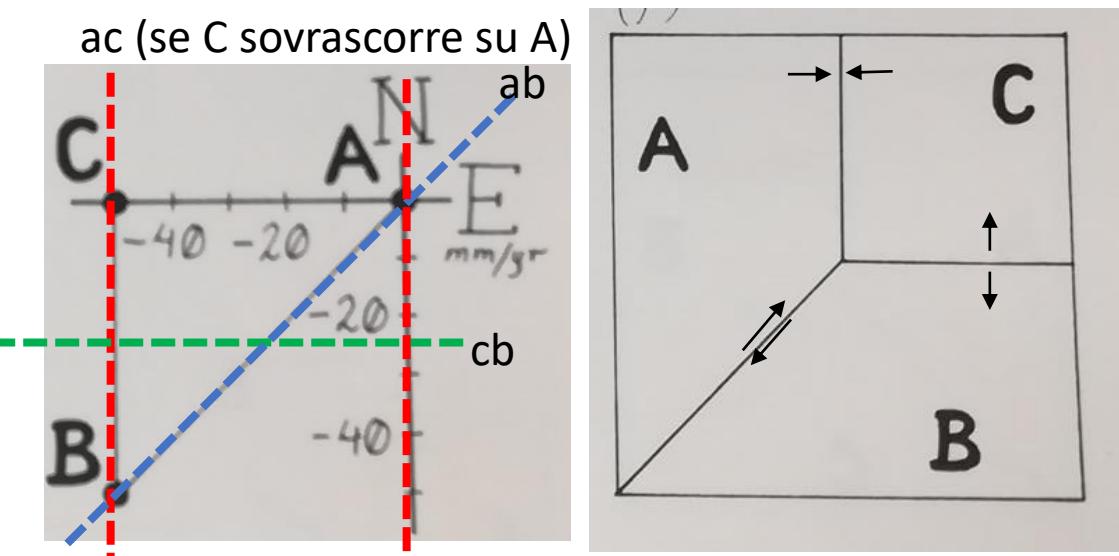
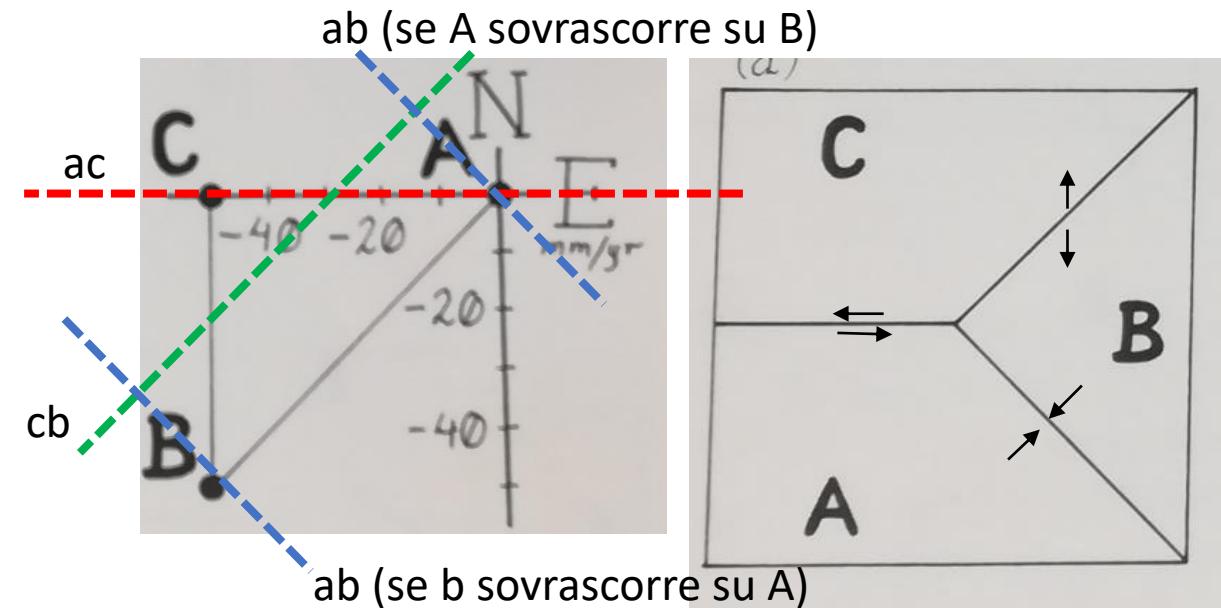
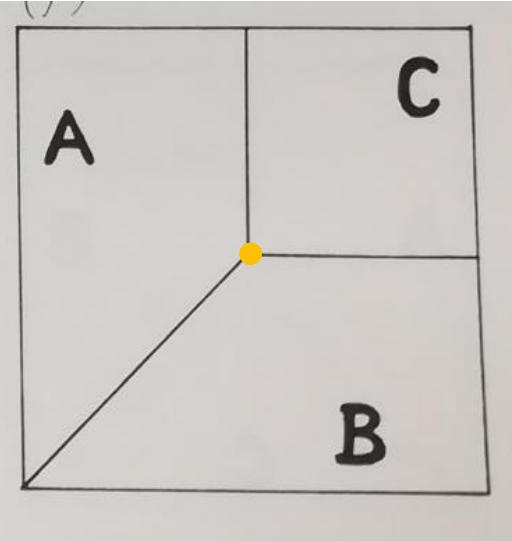
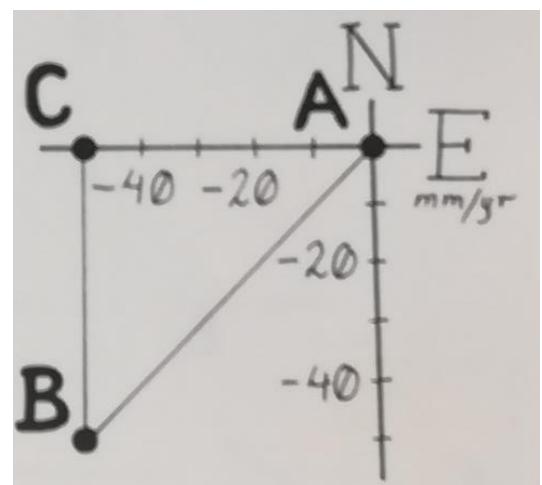
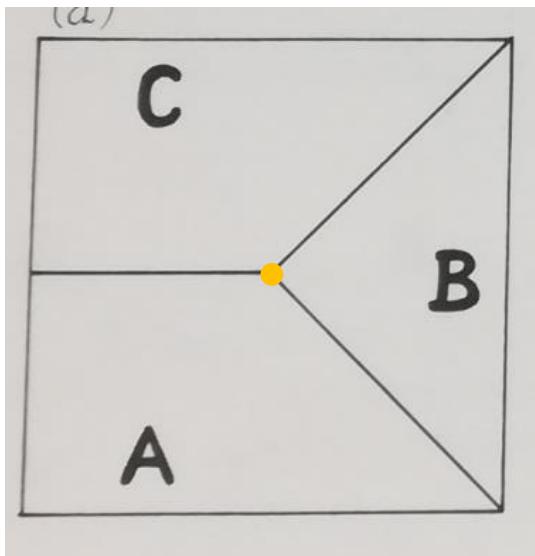
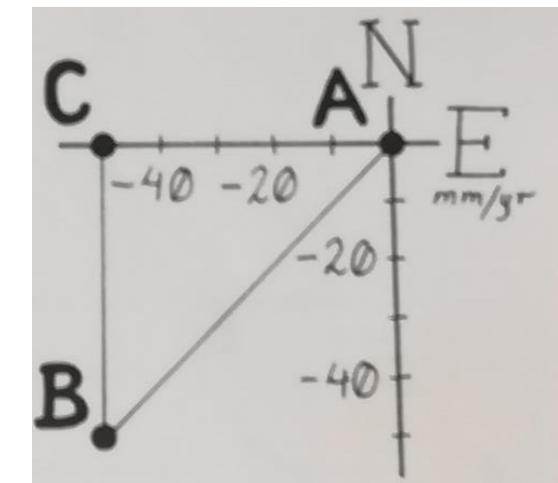
L'interno della Terra



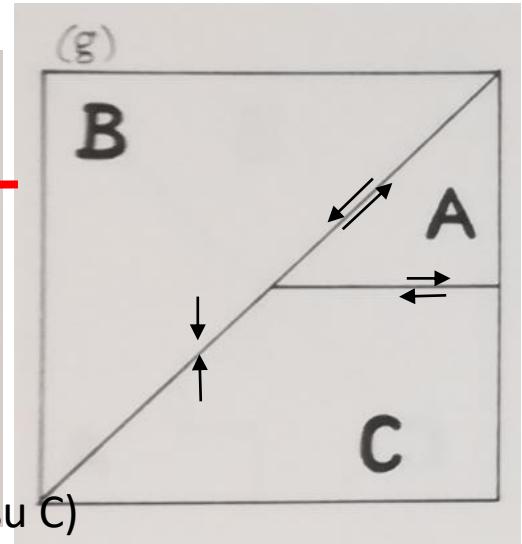
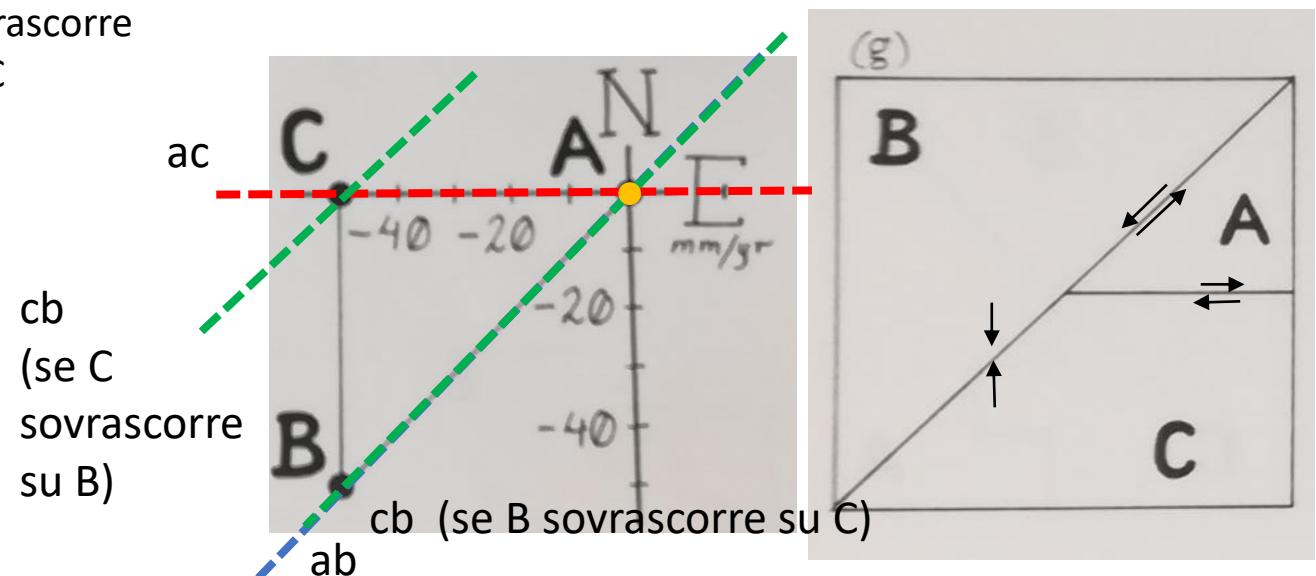
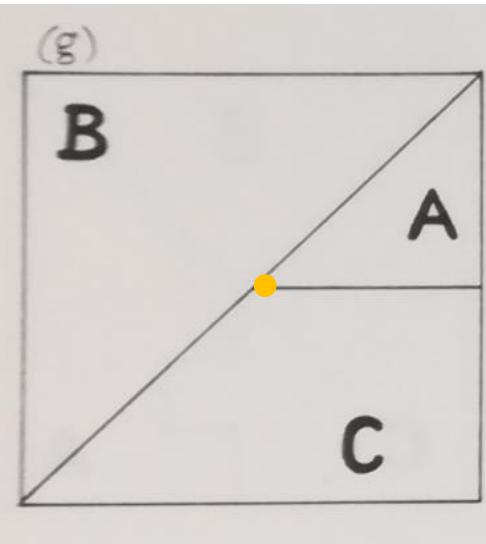
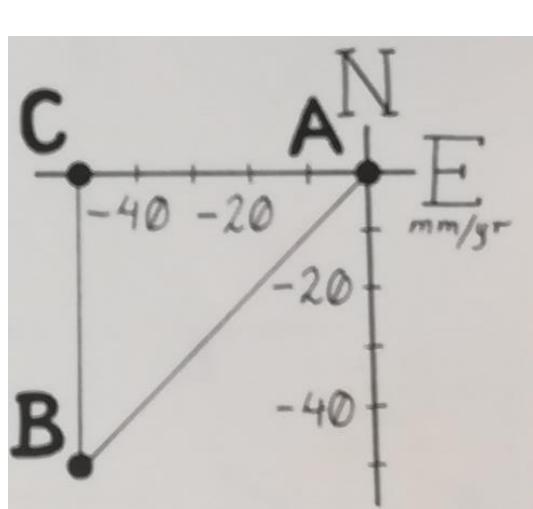
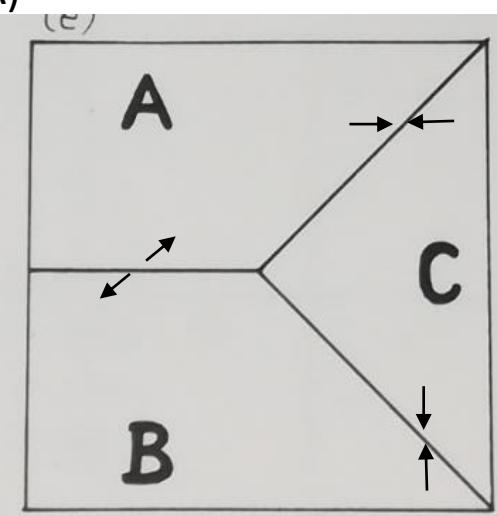
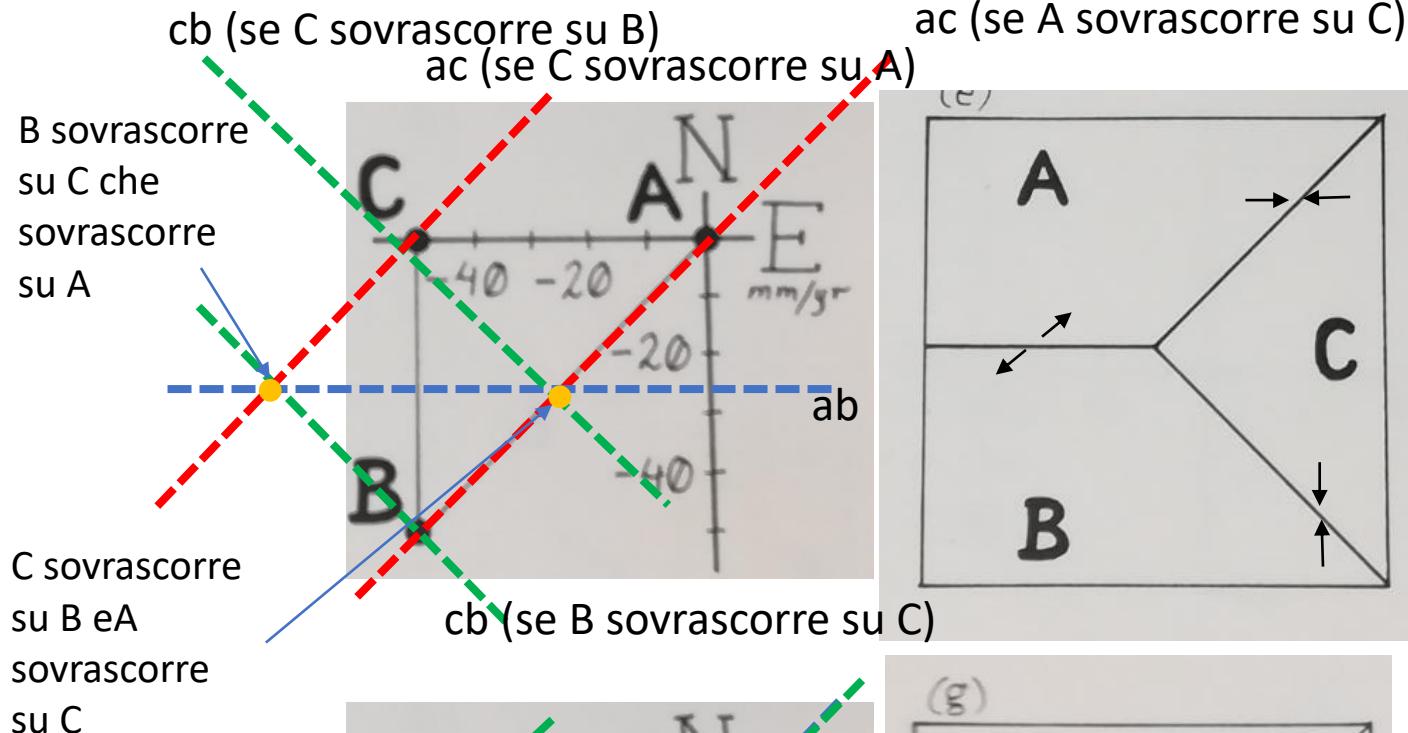
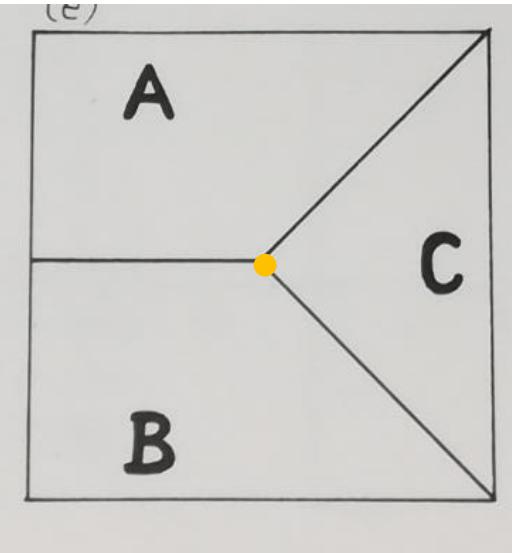
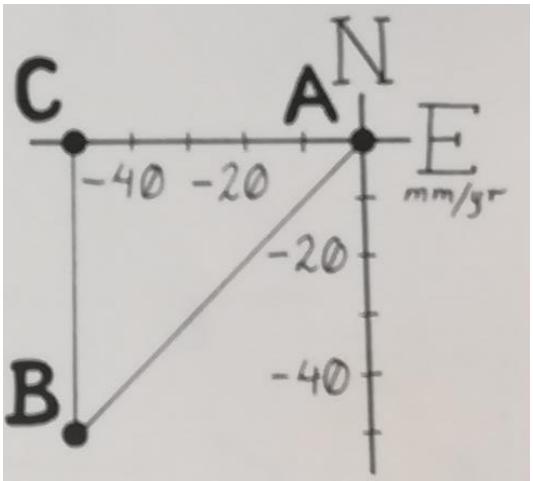
Teoria della deriva dei continenti



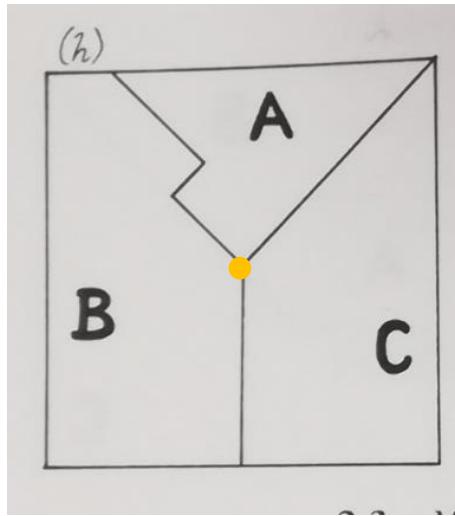
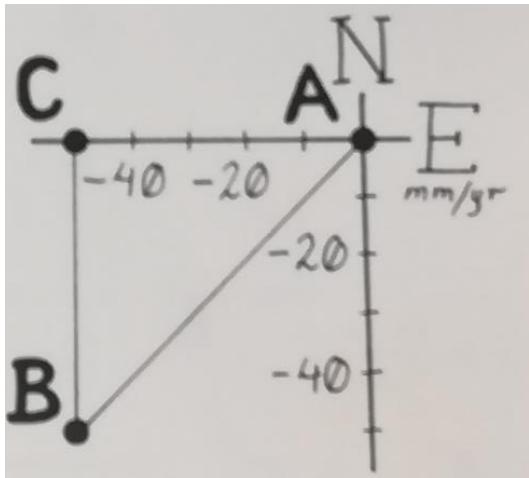
Tettonica delle placche: esercizi



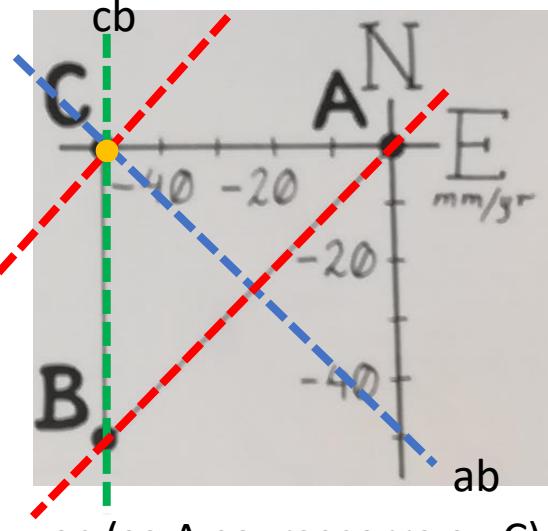
Tettonica delle placche: esercizi



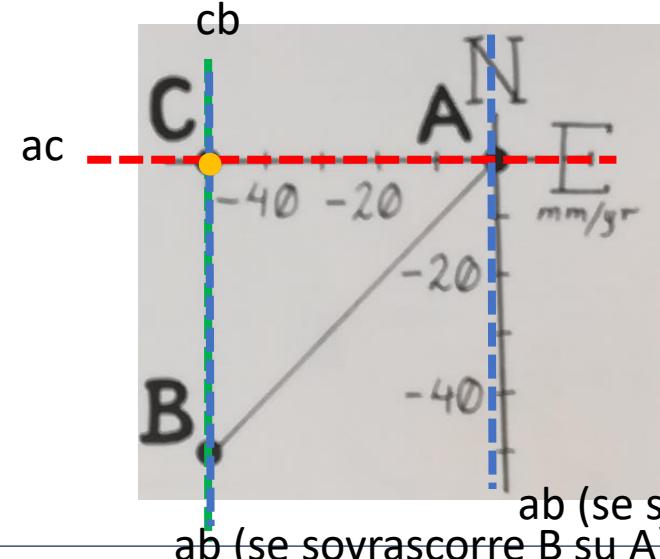
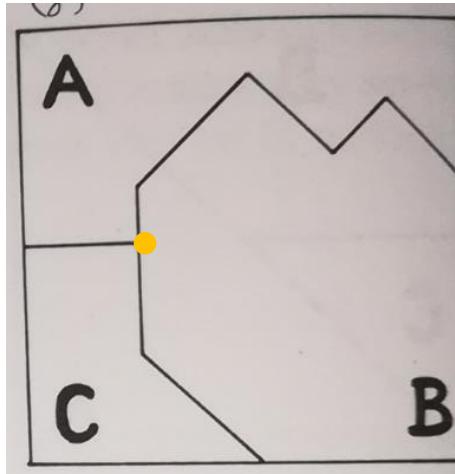
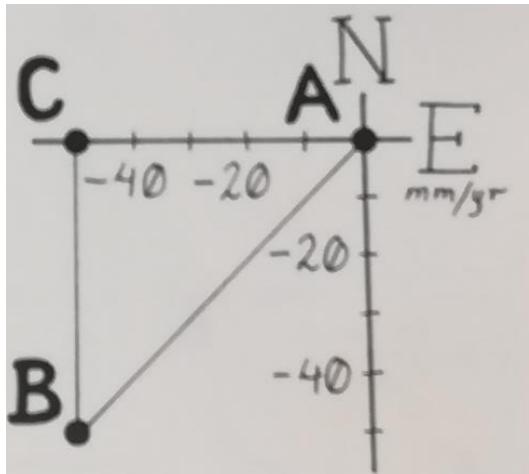
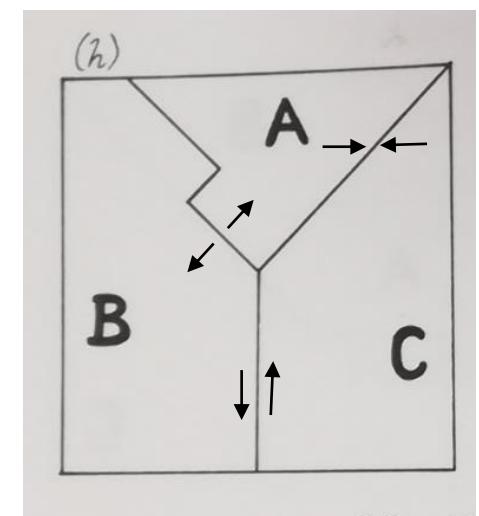
Tettonica delle placche: esercizi



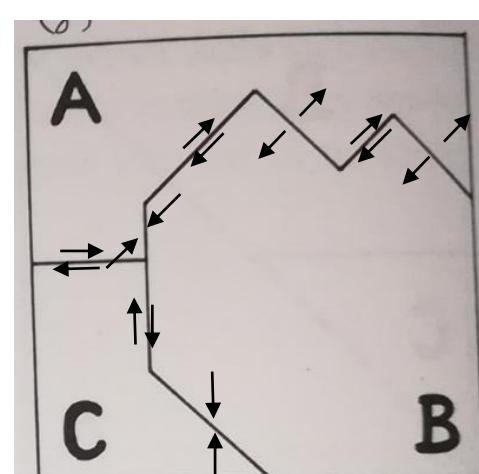
ac (se C sovrascorre su A)



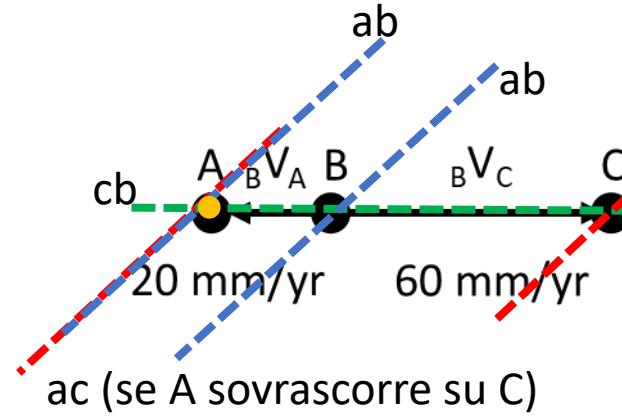
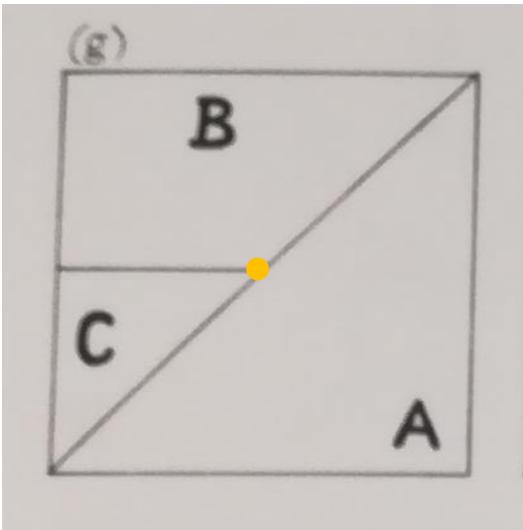
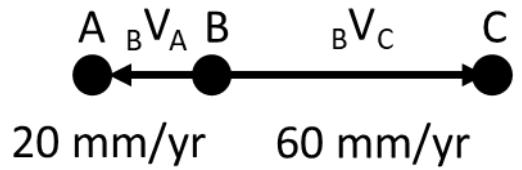
ac (se A sovrascorre su C)



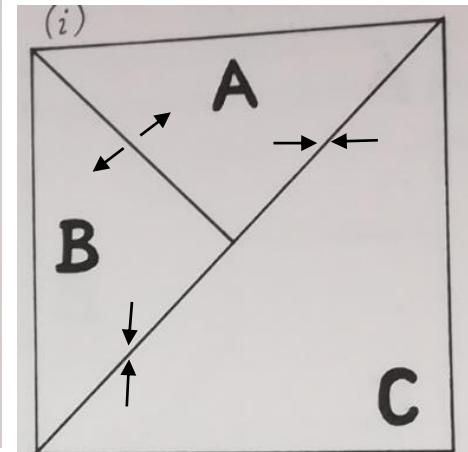
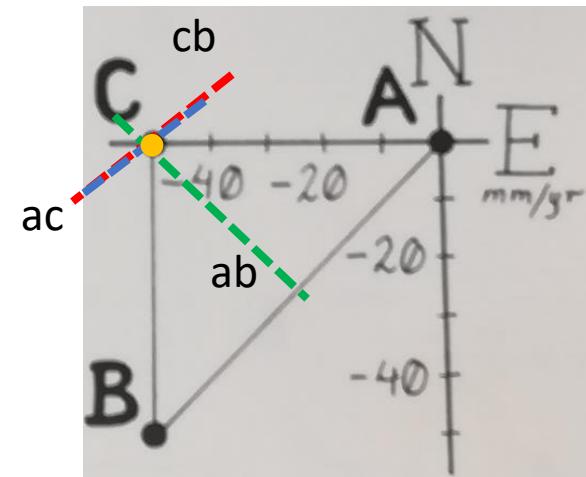
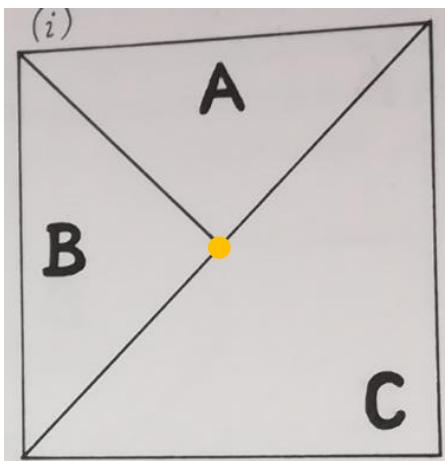
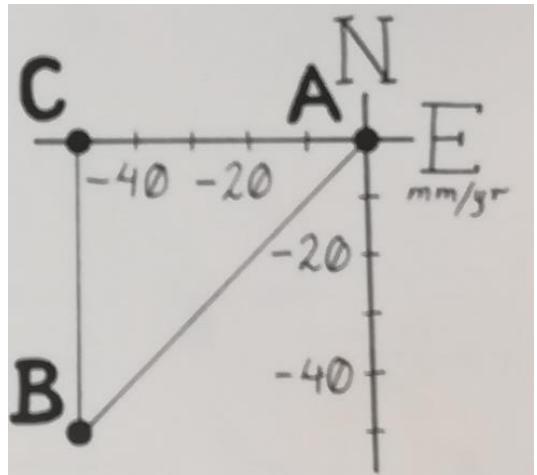
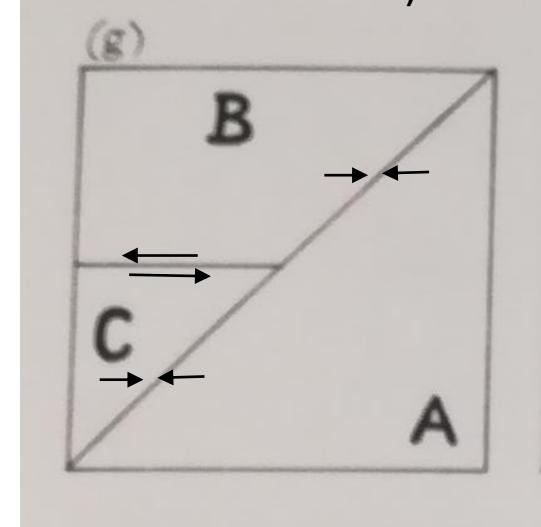
ab (se sovrascorre A su B)



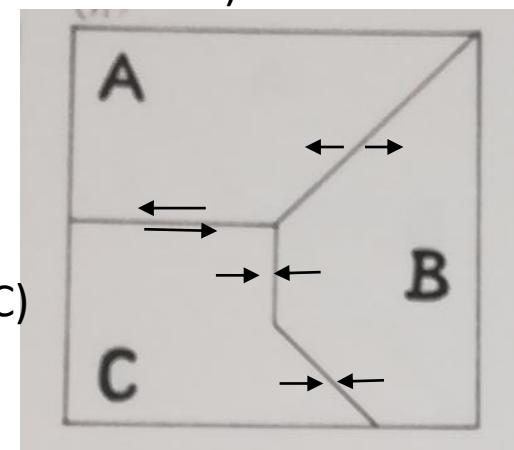
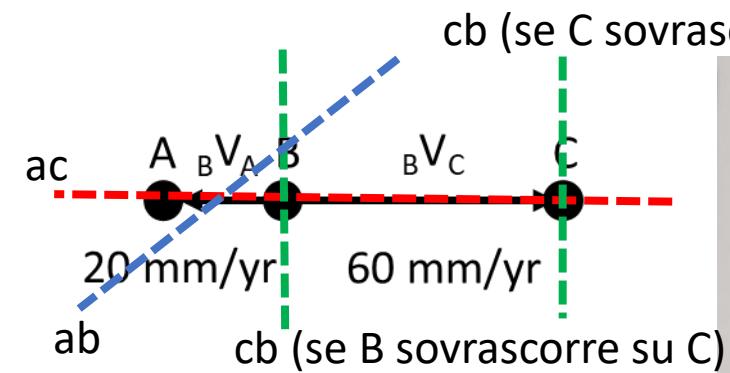
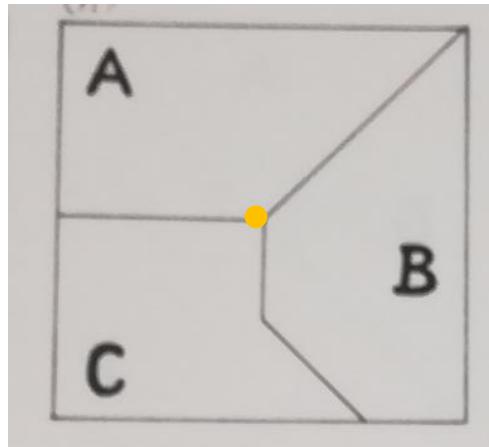
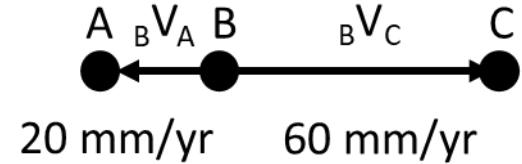
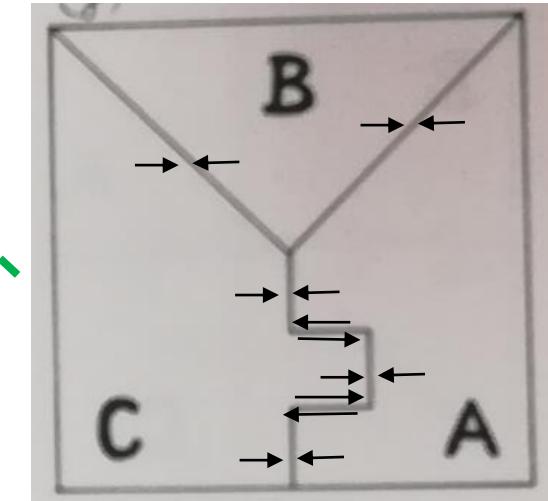
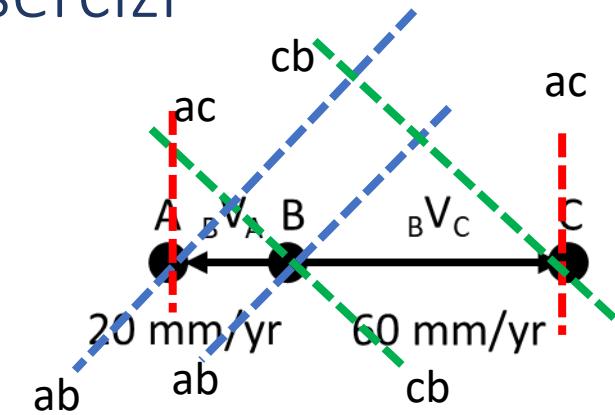
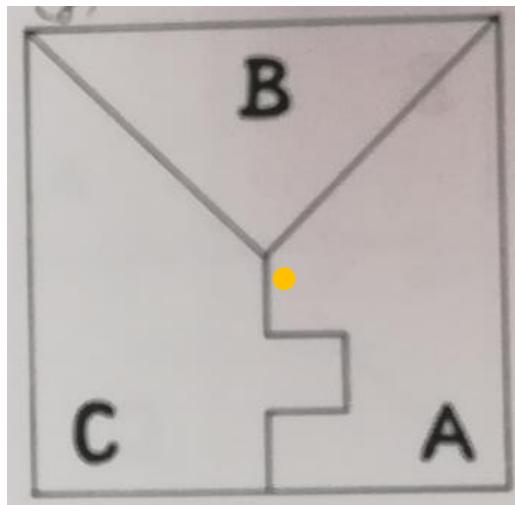
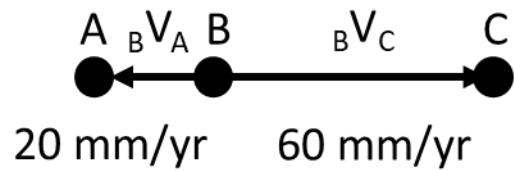
Tettonica delle placche: esercizi



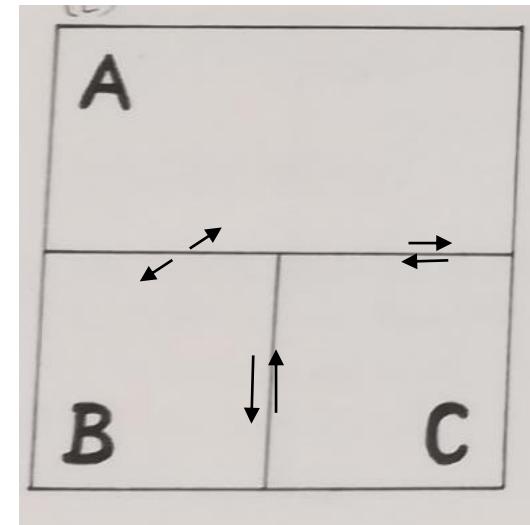
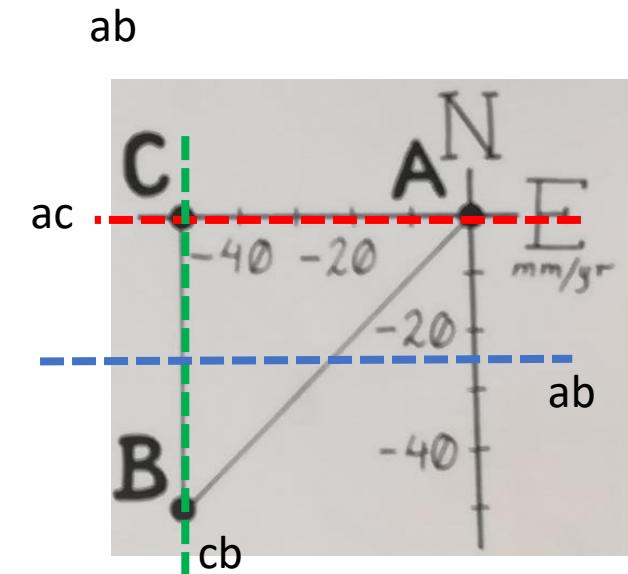
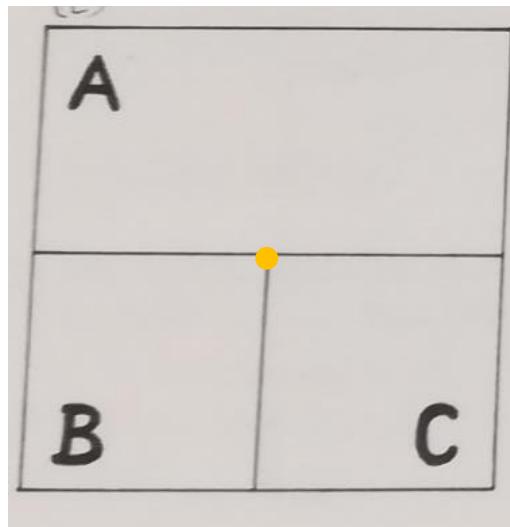
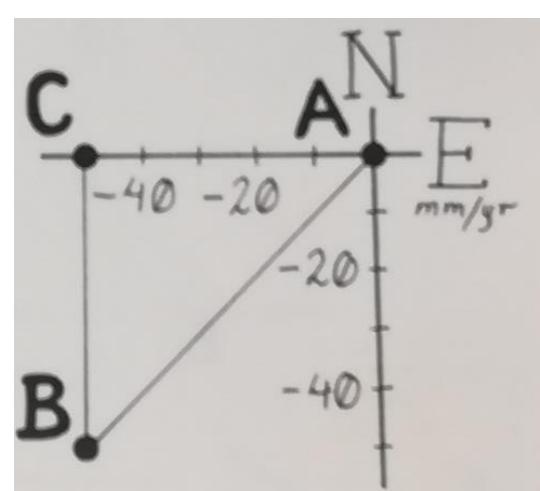
ac (se C sovrascorre su A)



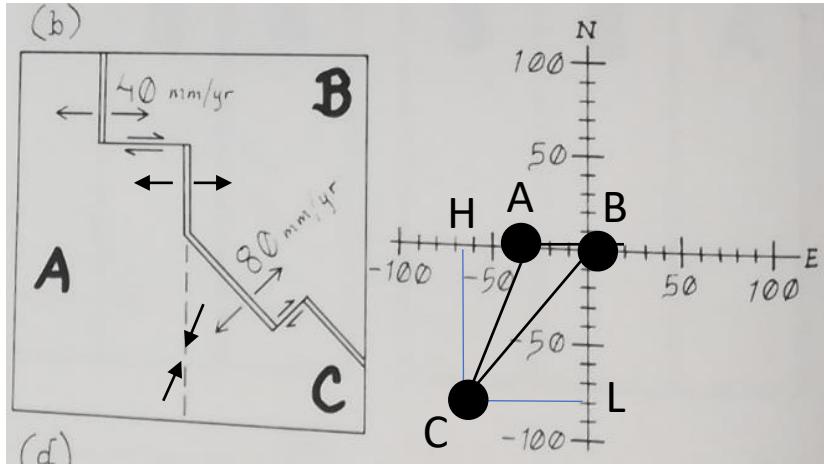
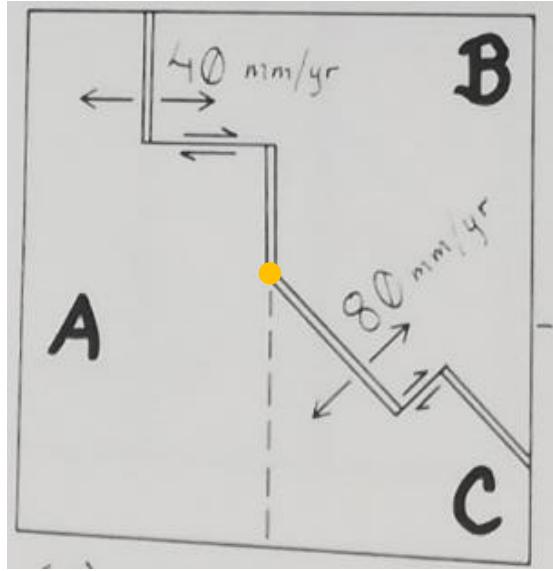
Tettonica delle placche: esercizi



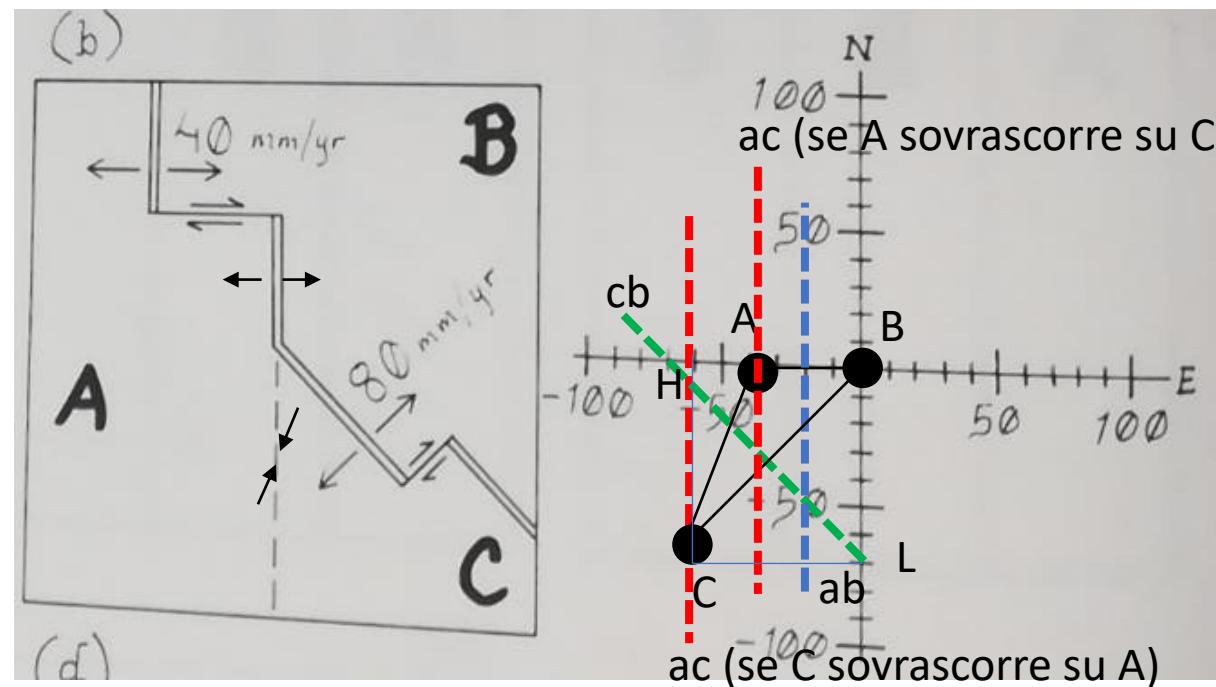
Tettonica delle placche: esercizi



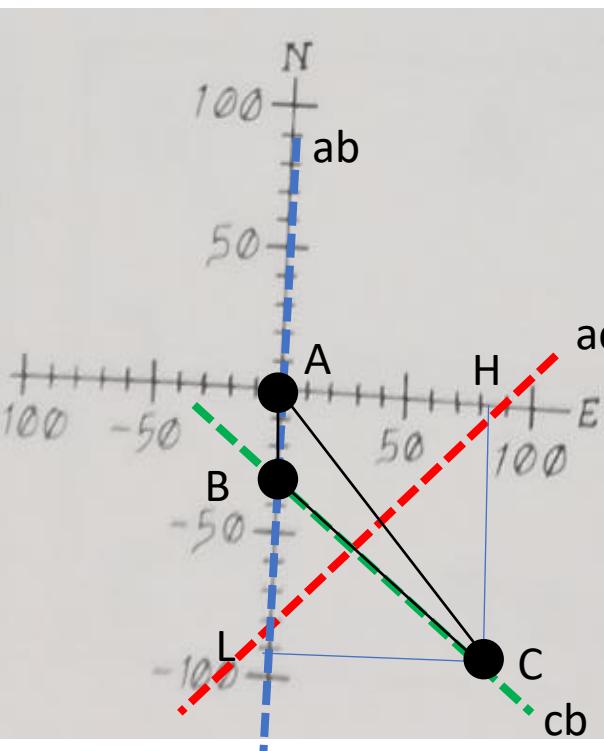
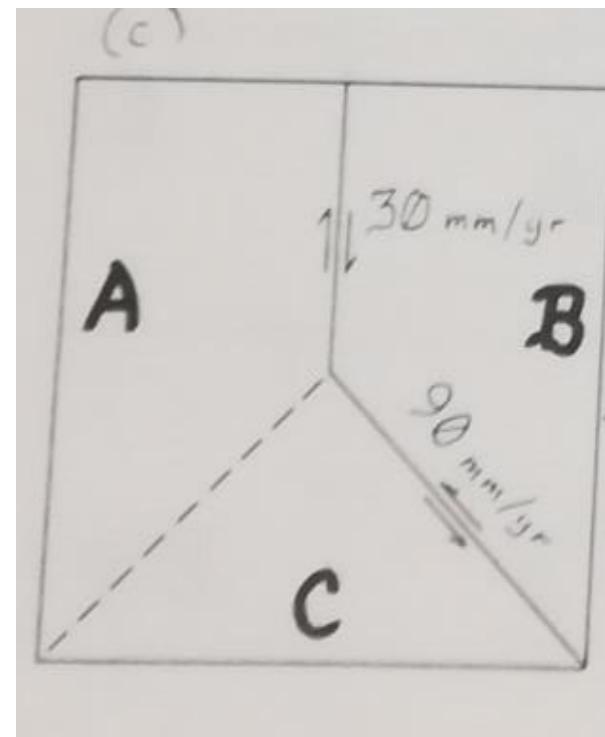
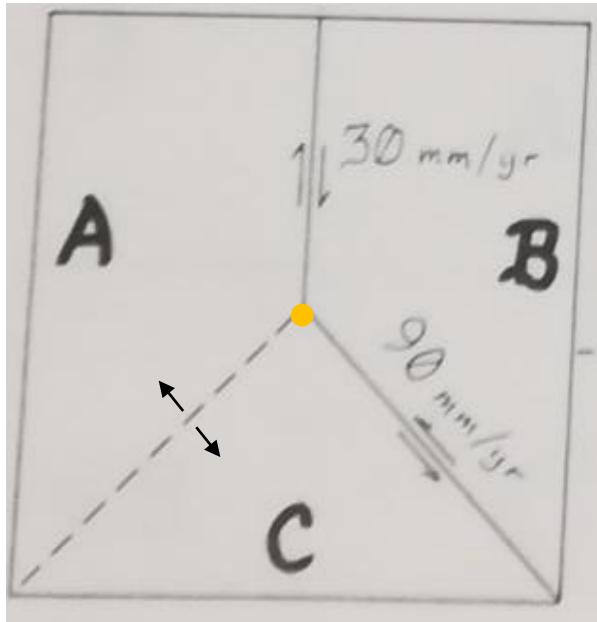
Tettonica delle placche: esercizi



$$\begin{aligned}
 AB &= 40 \text{ mm/yr} \\
 CB &= 80 \text{ mm/yr} \\
 AC &= ? = (CH^2 + HA^2)^{1/2} \\
 CH &= CL = CB/(2^{1/2}) = 56.7 \\
 HA &= HB-AB = 56.7-40 = 16.7 \\
 AC &= 59.1
 \end{aligned}$$



Tettonica delle placche: esercizi



$$AB = 30 \text{ mm/yr}$$

$$CB = 90 \text{ mm/yr}$$

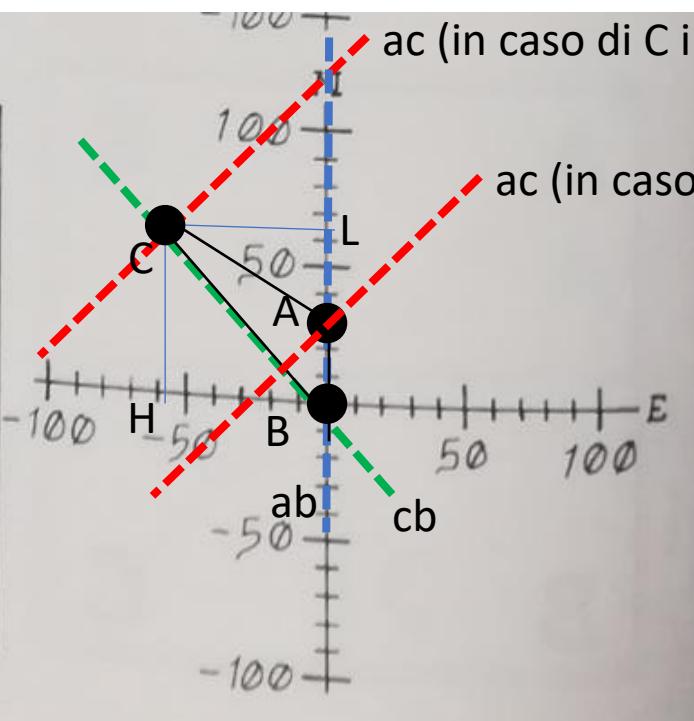
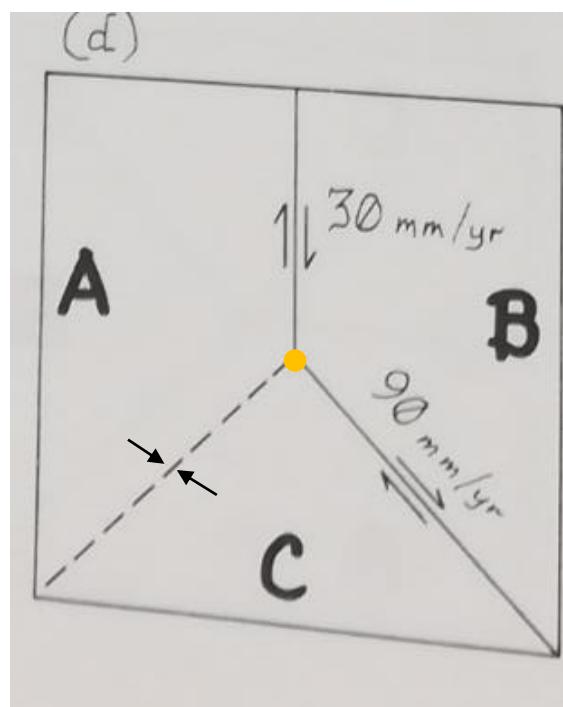
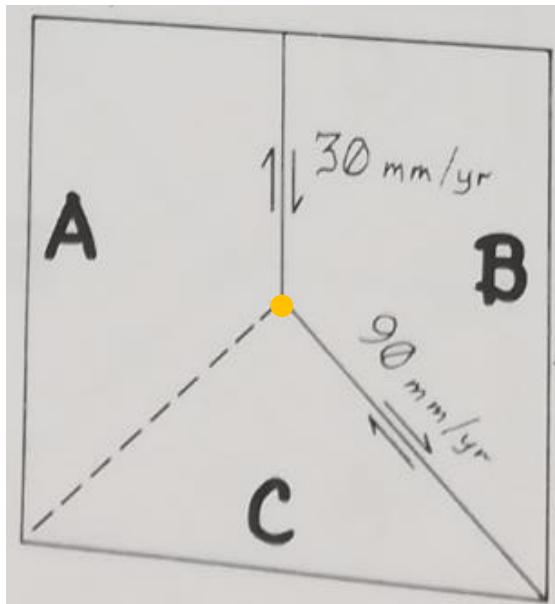
$$AC = ? = (AL^2 + CL^2)^{1/2}$$

$$BL = CL = CB/(2^{1/2}) = 63.6$$

$$AL = AB + BL = 30 + 63.6 = 93.6$$

$$AC = 113.2$$

Tettonica delle placche: esercizi



$$AB = 30 \text{ mm/yr}$$

$$CB = 90 \text{ mm/yr}$$

$$AC = ? = (AL^2 + CL^2)^{1/2}$$

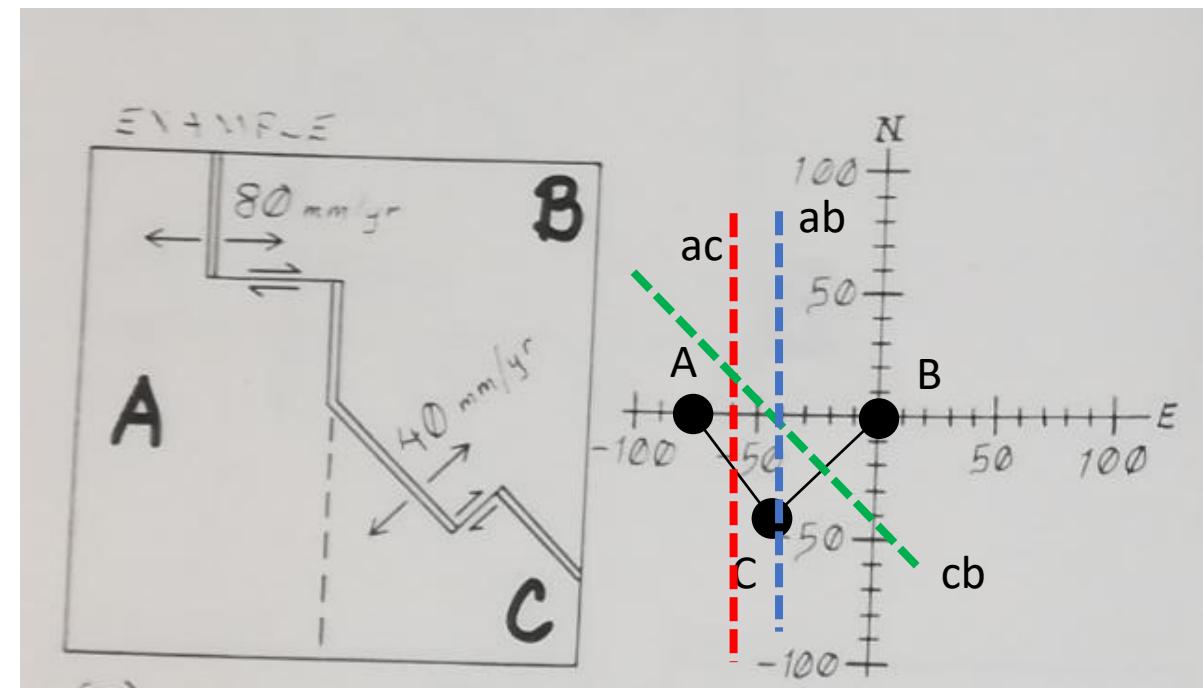
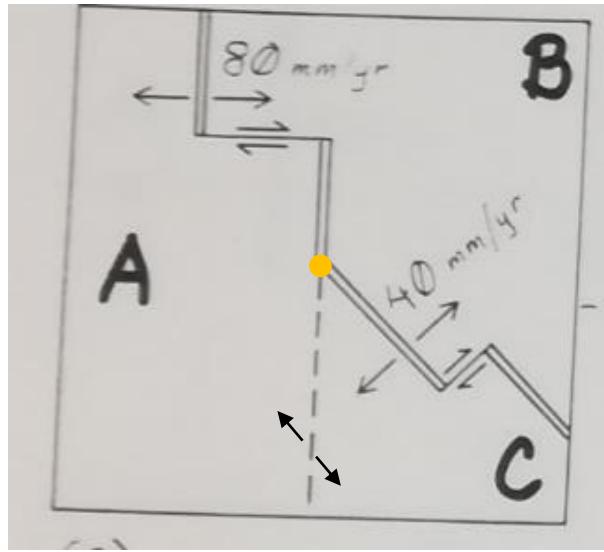
$$HB = CL = CB/(2^{1/2}) = 63.6$$

$$CH = BL = HB$$

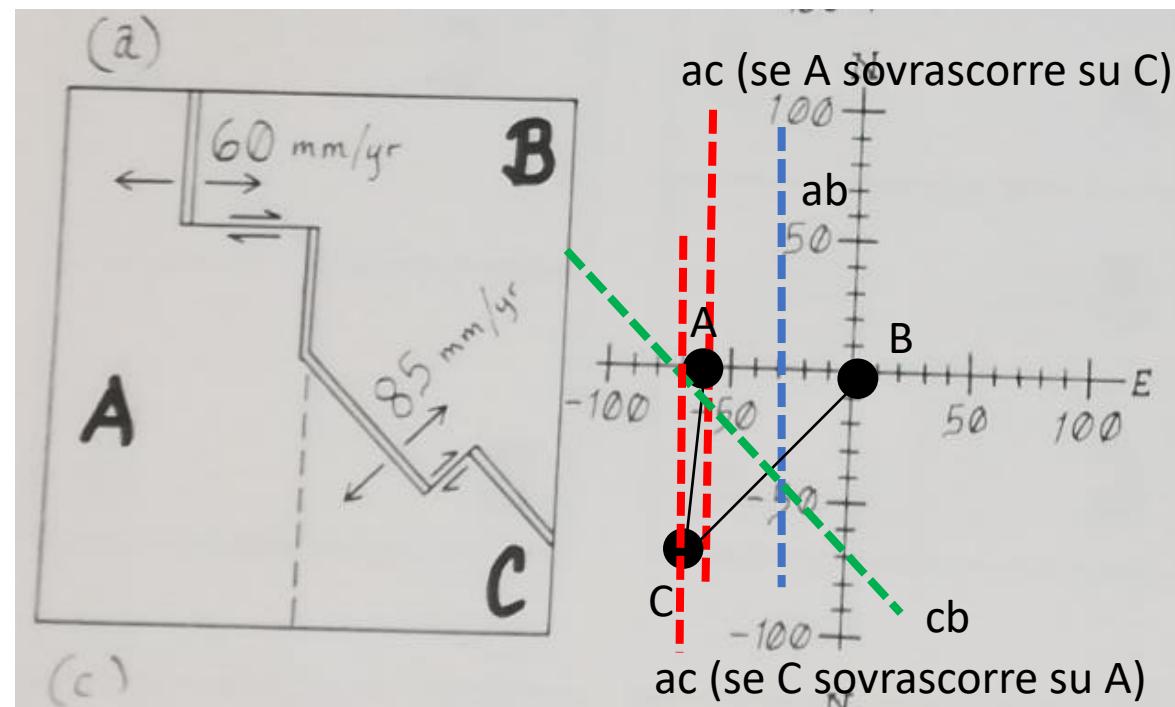
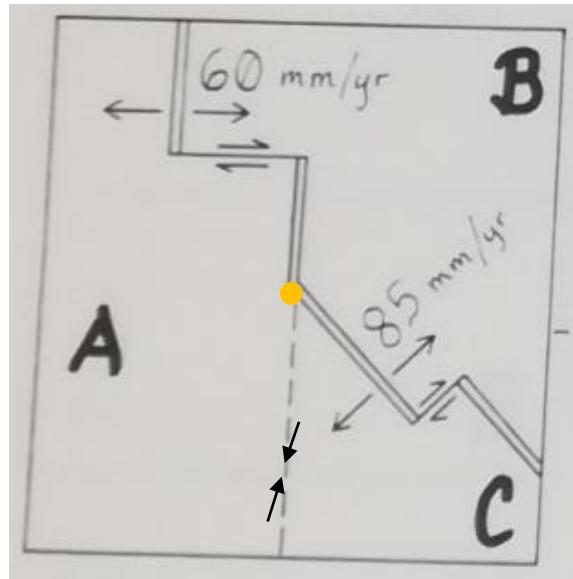
$$AL = BL - AB = 63.6 - 30 = 33.6$$

$$AC = 71.9$$

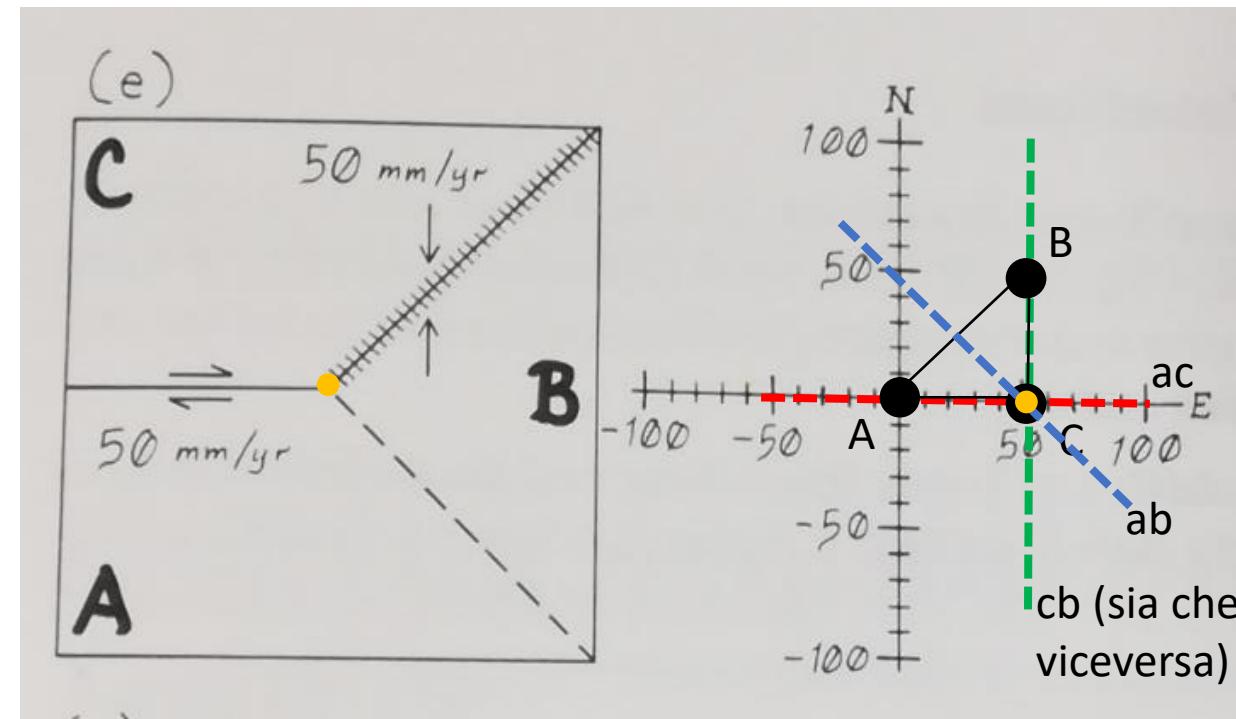
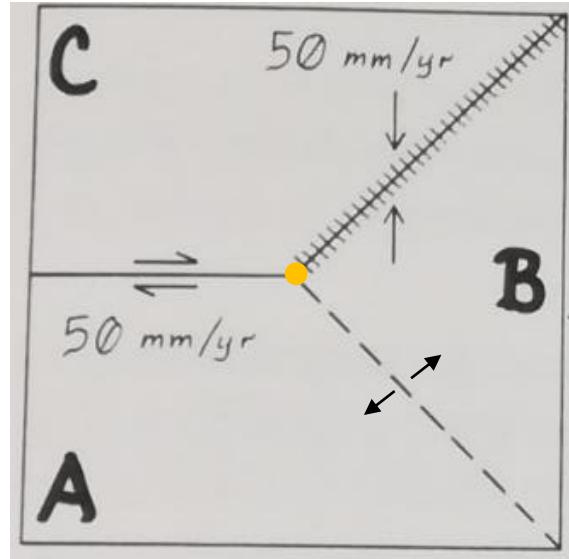
Tettonica delle placche: esercizi



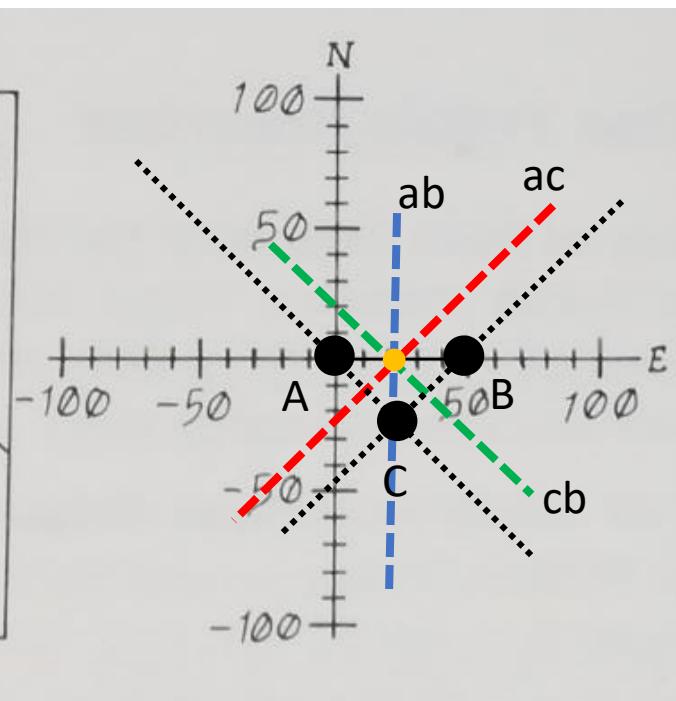
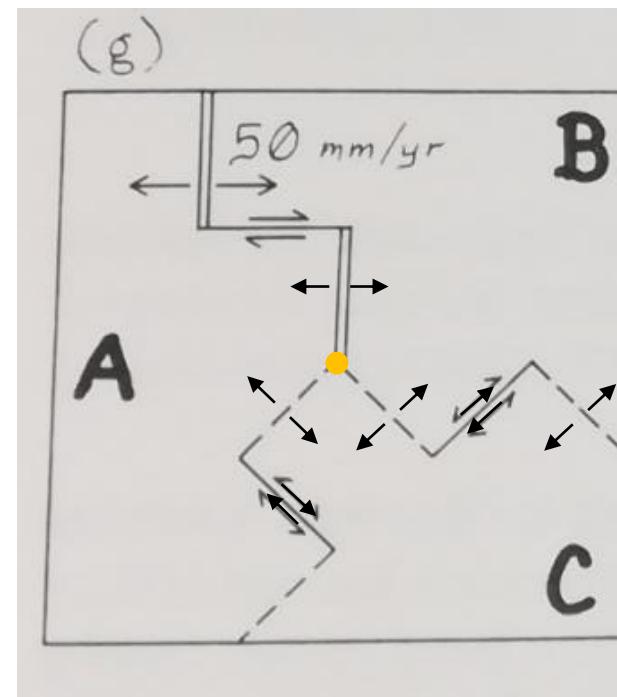
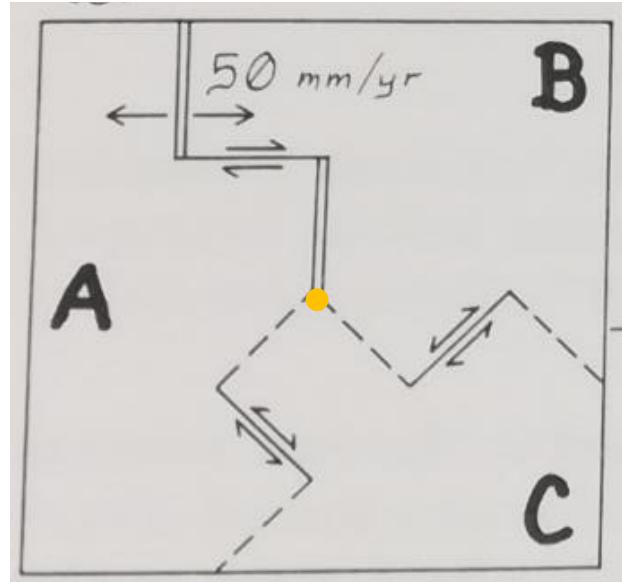
Tettonica delle placche: esercizi



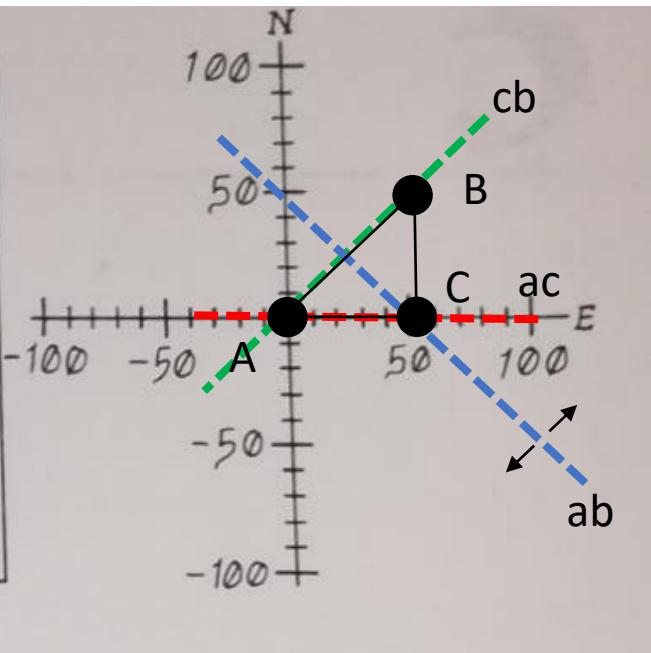
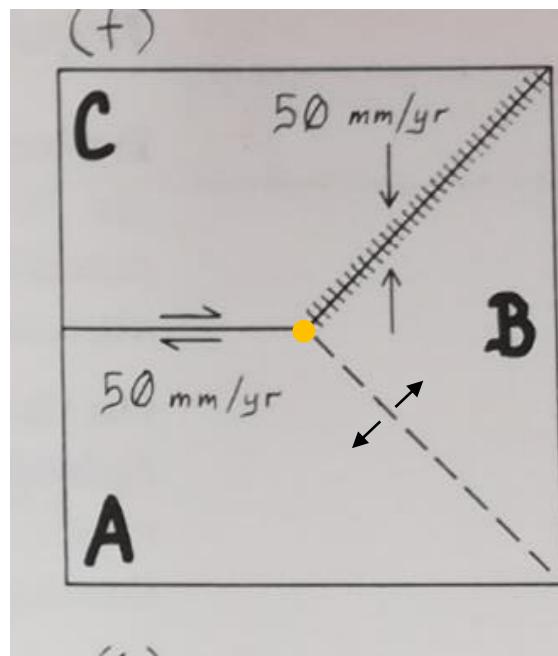
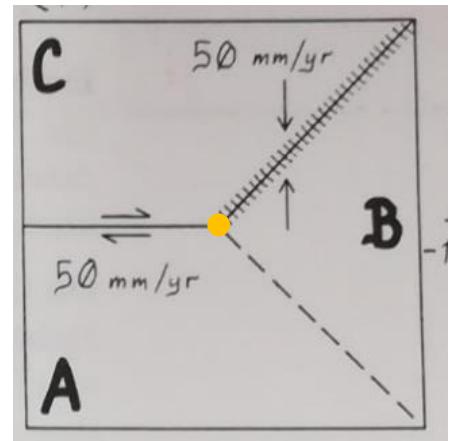
Tettonica delle placche: esercizi



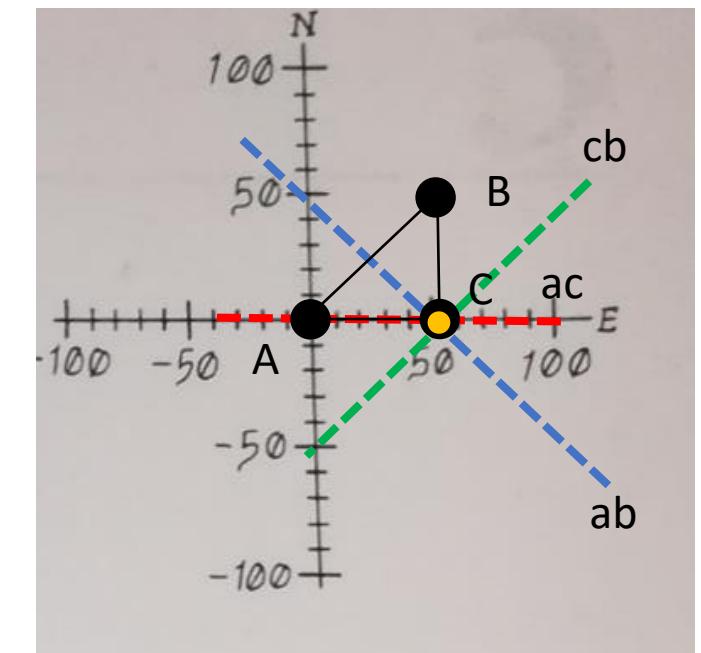
Tettonica delle placche: esercizi



Tettonica delle placche: esercizi

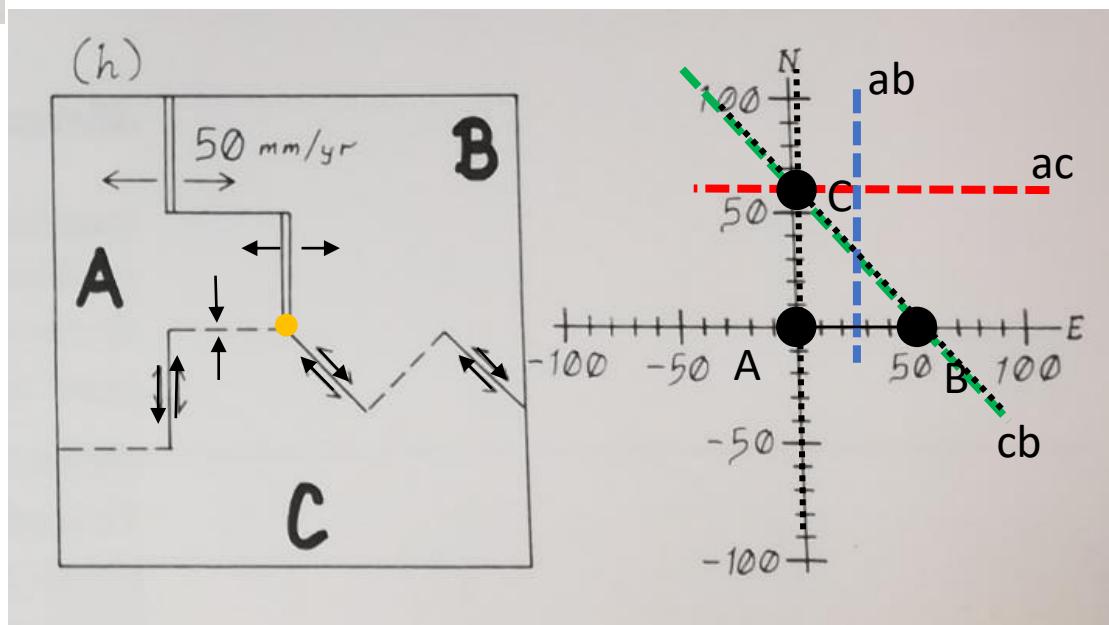
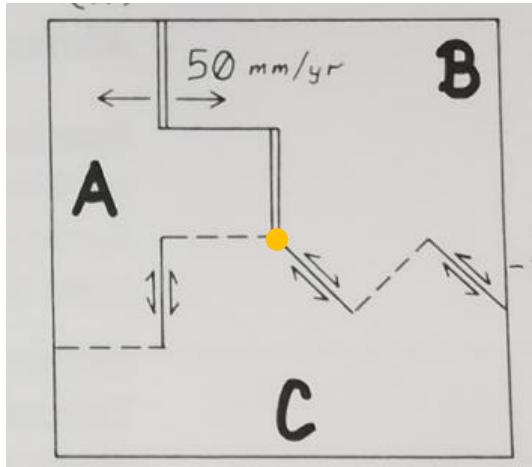


Caso in cui B sovrasca corre su C

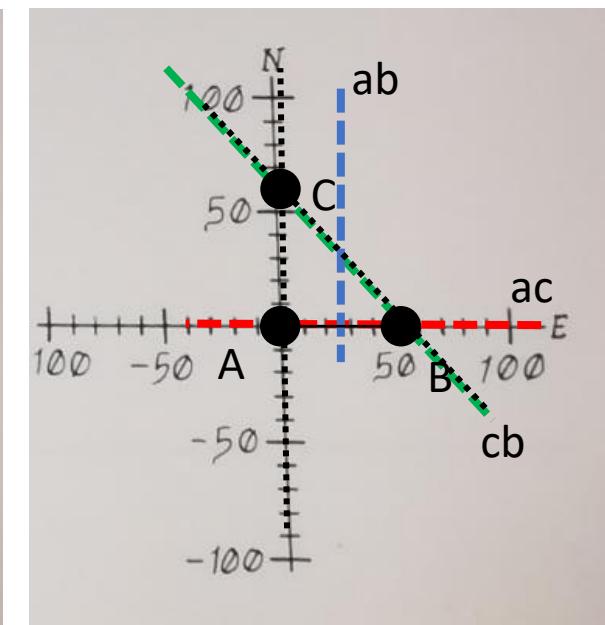


Caso in cui C sovrasca corre su B

Tettonica delle placche: esercizi



Caso in cui C sovrascarre su A



Caso in cui A sovrascarre su C