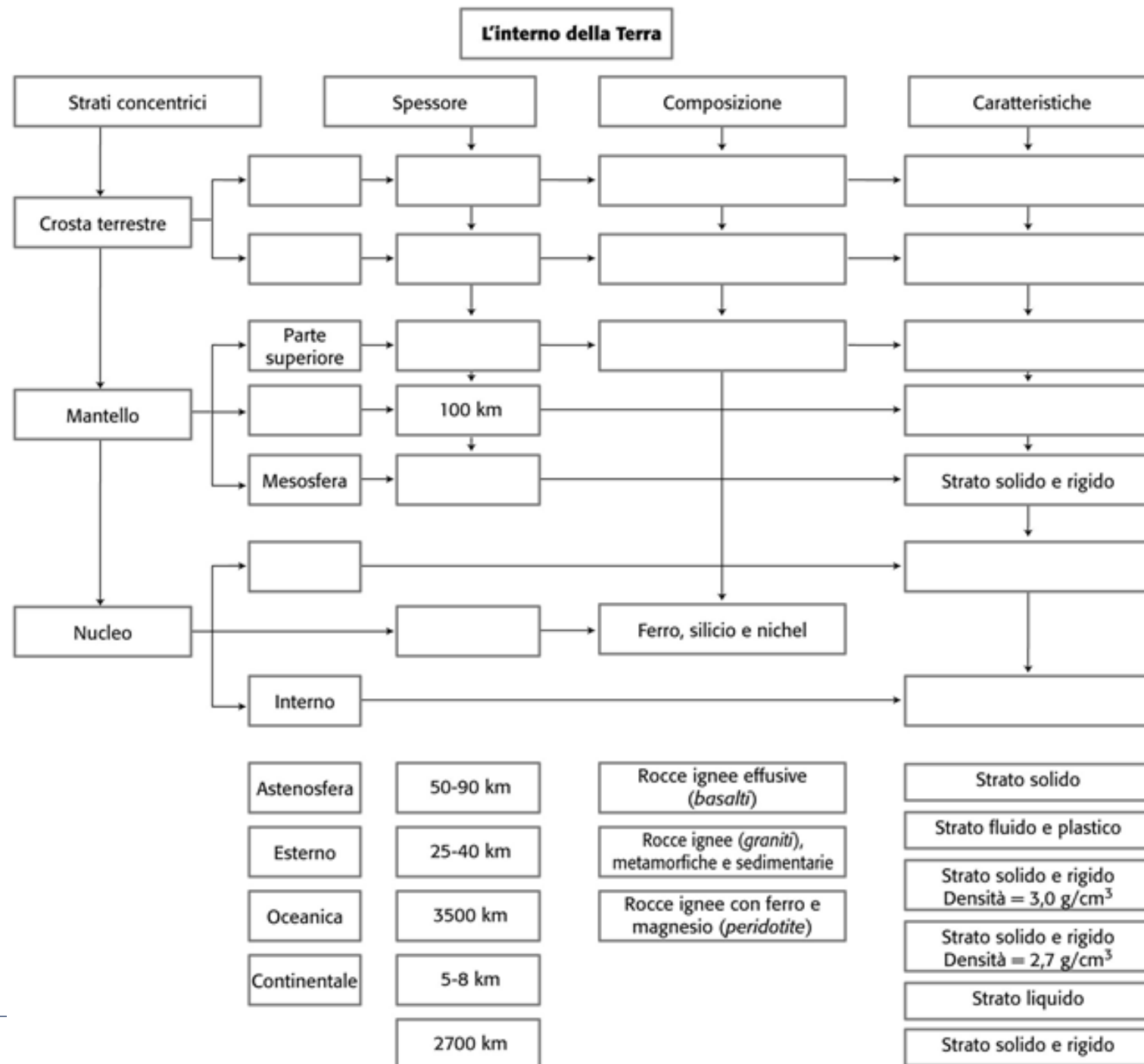


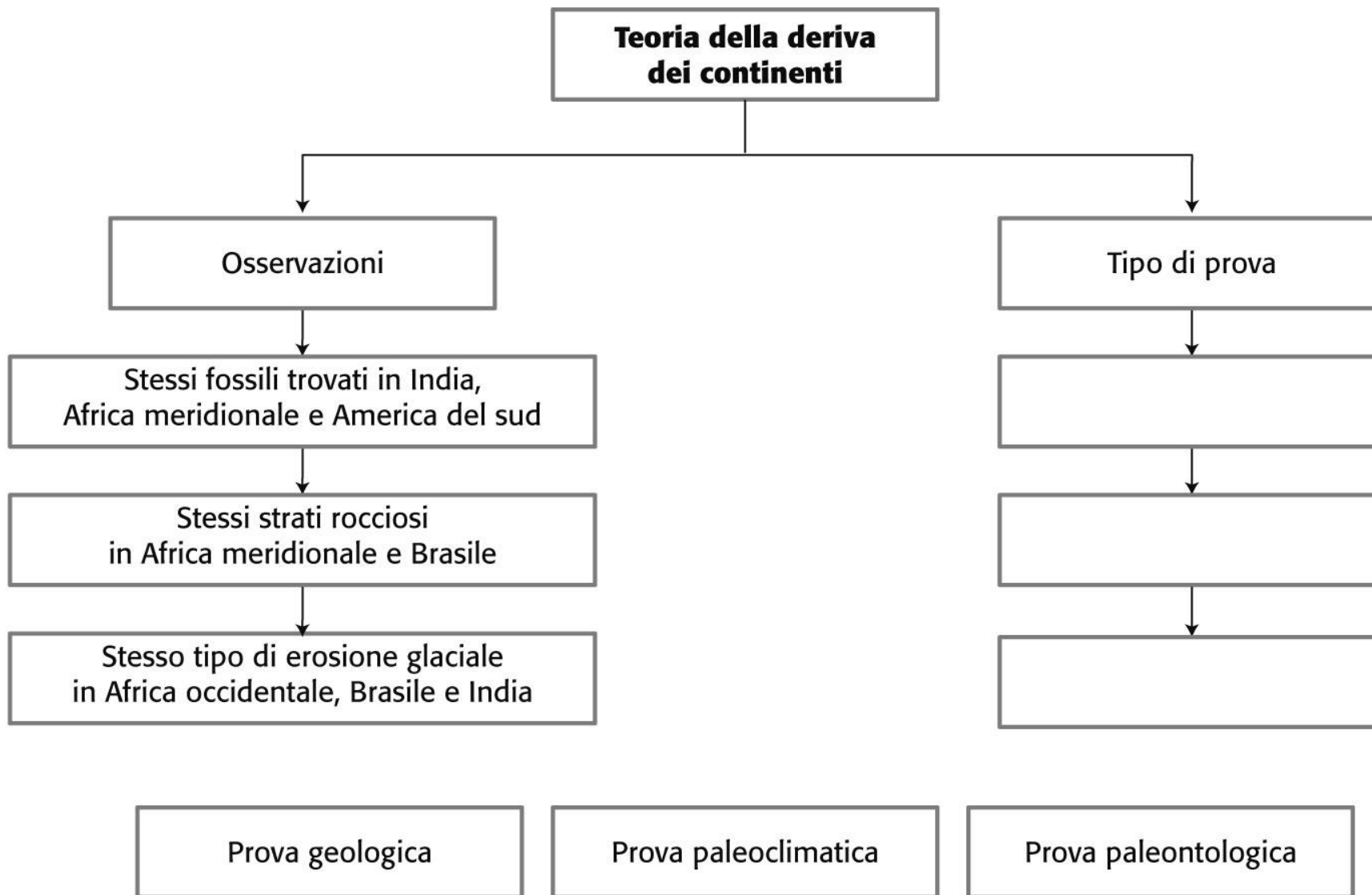


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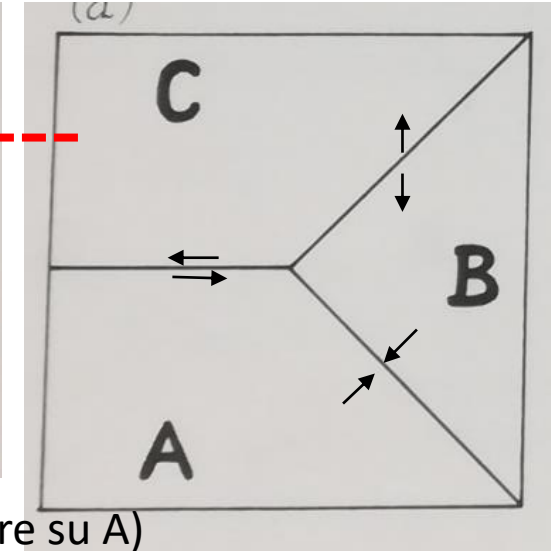
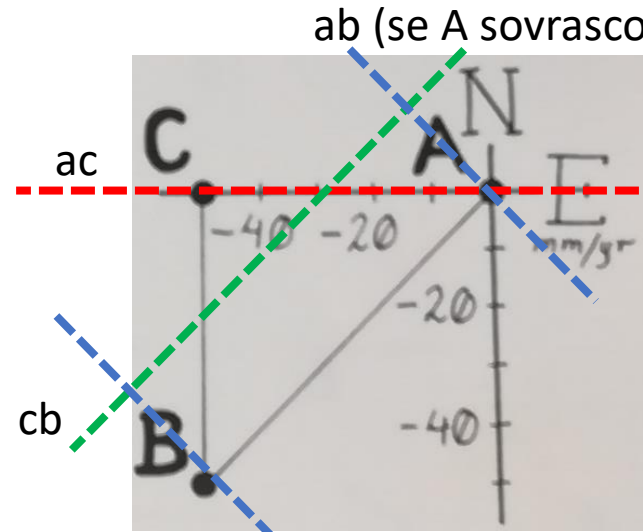
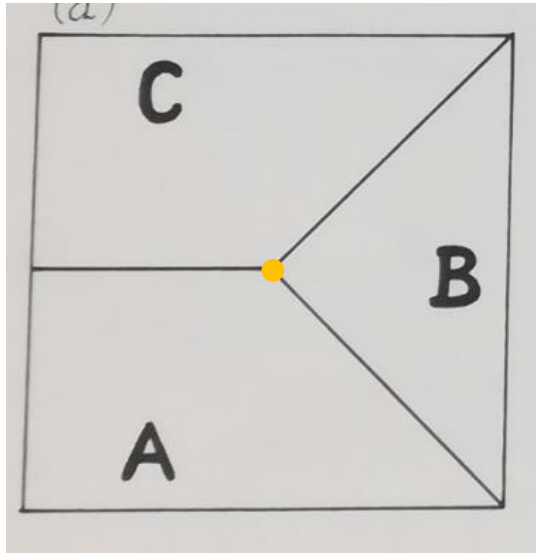
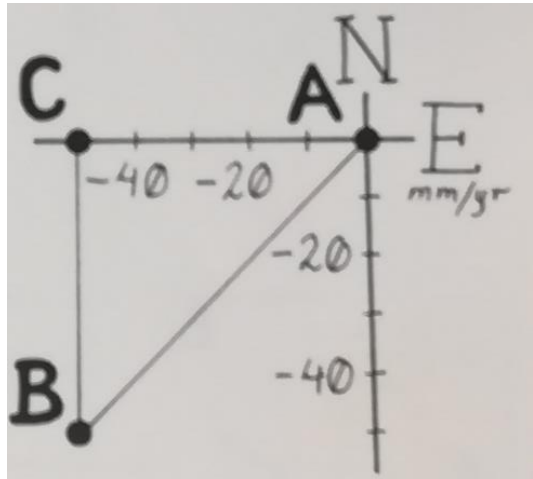
Fisica Terrestre

Tettonica delle placche - Esercizi



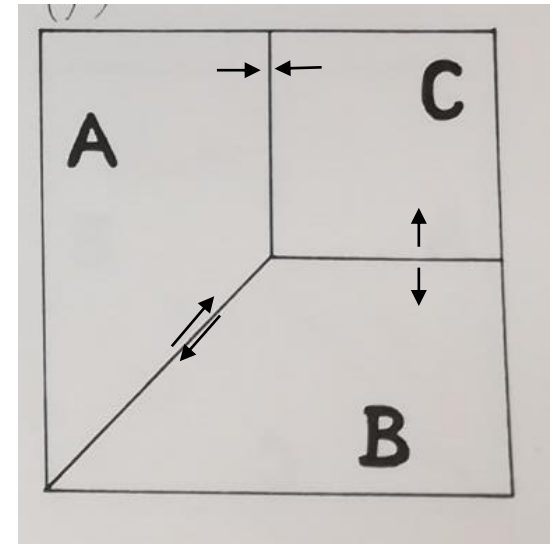
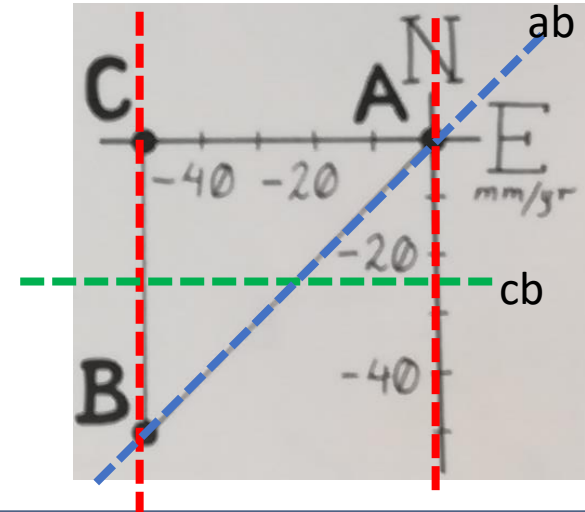
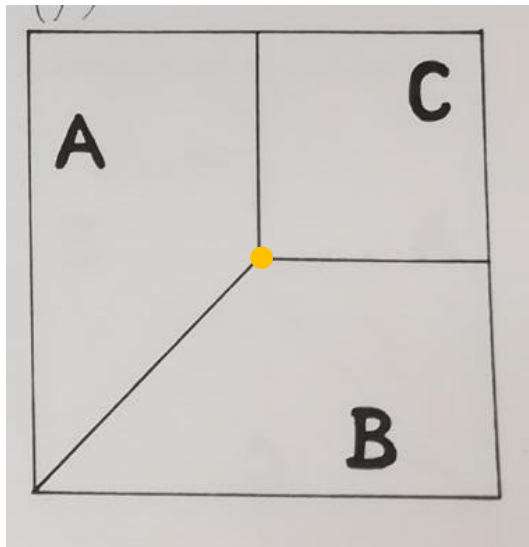
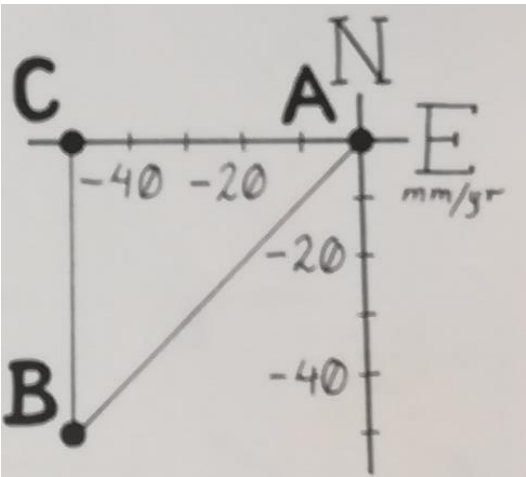


Tettonica delle placche: esercizi



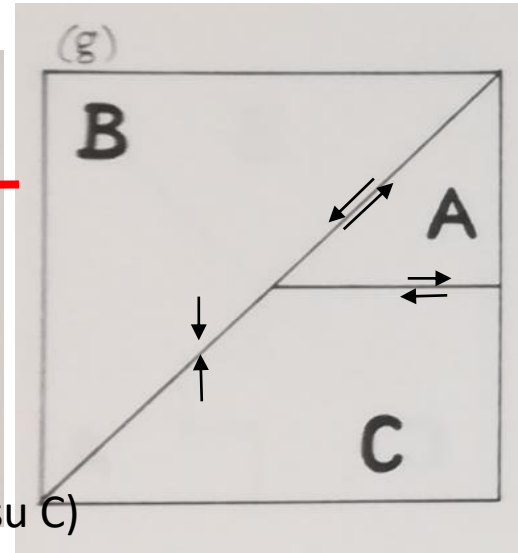
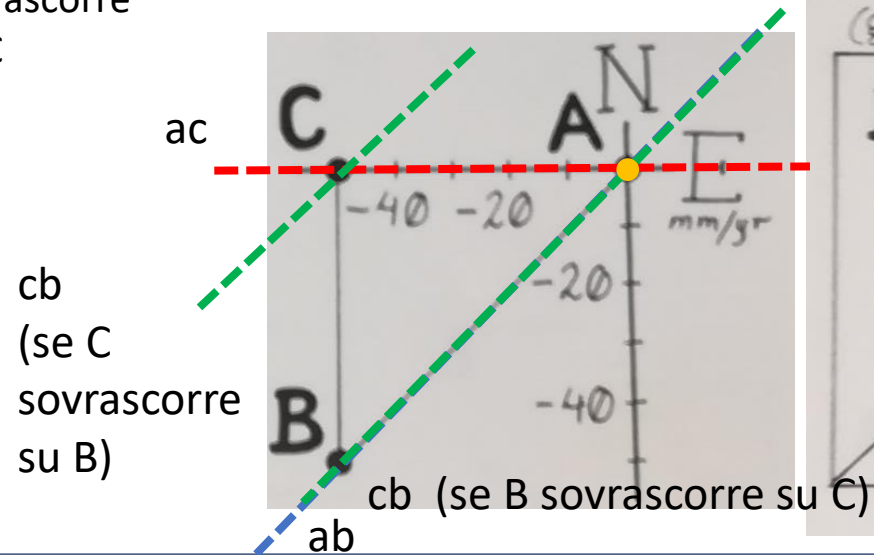
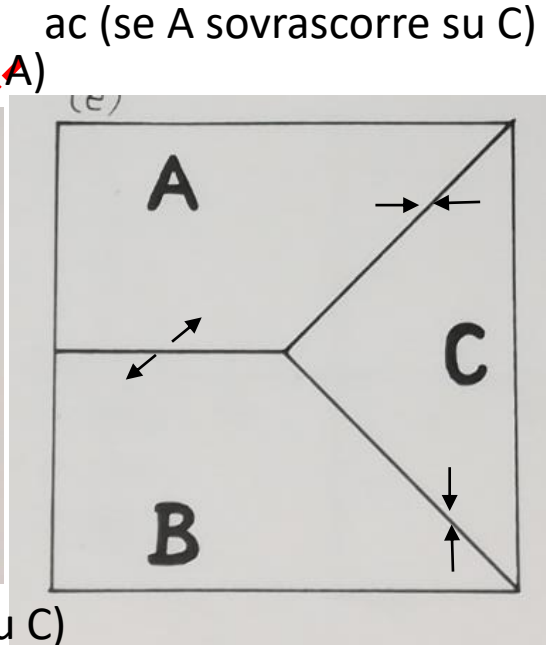
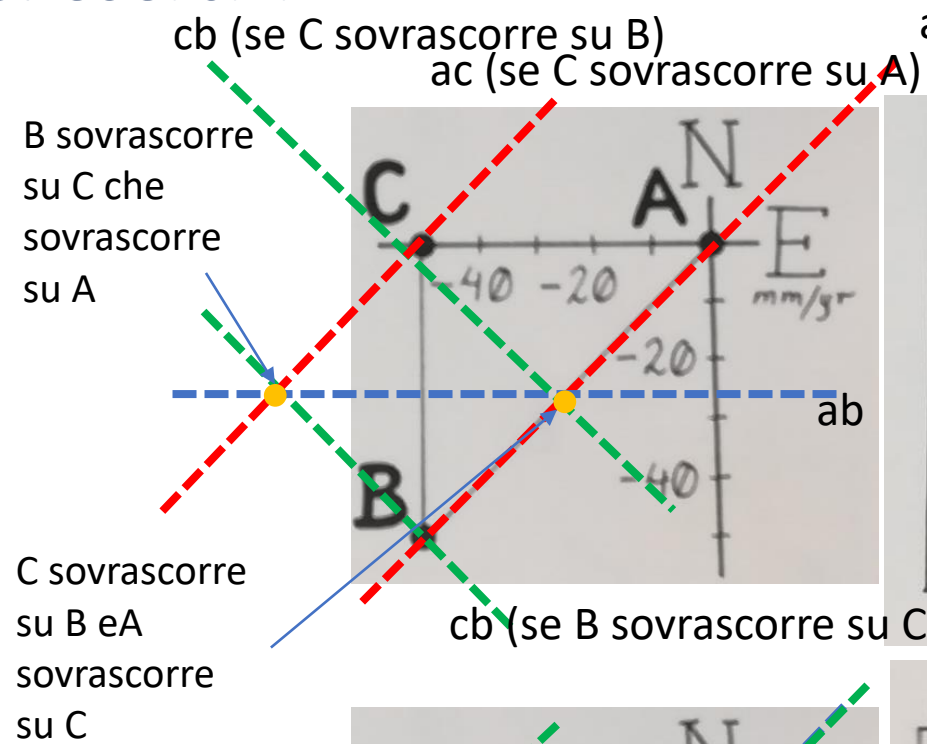
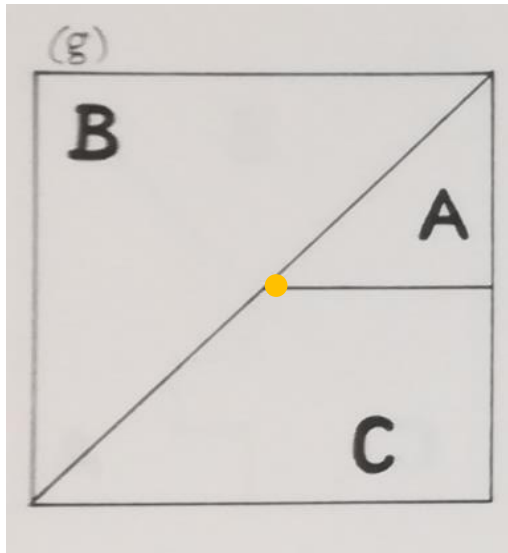
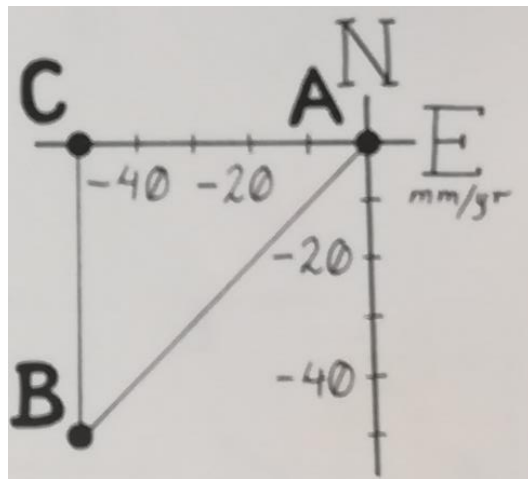
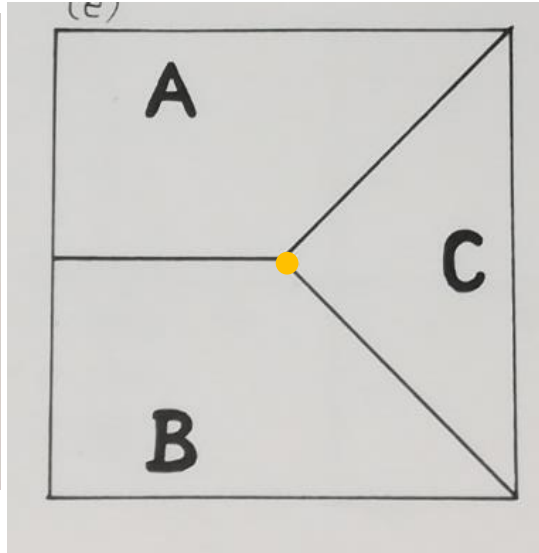
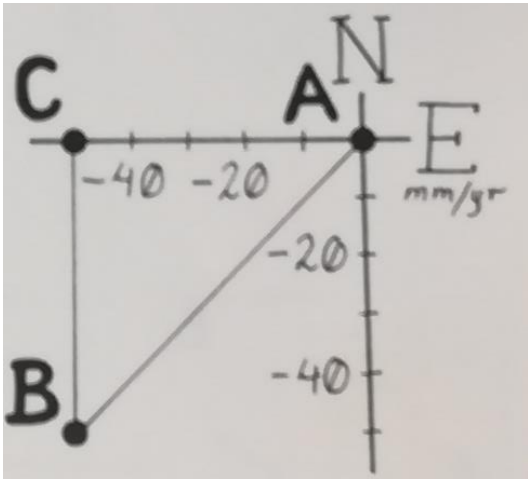
ab (se b sovrascorre su A)

ac (se C sovrascorre su A)

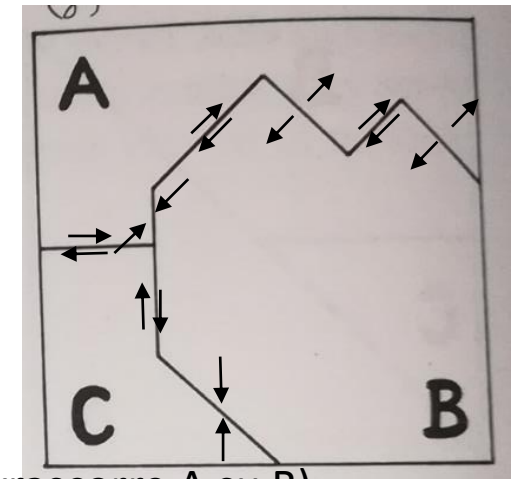
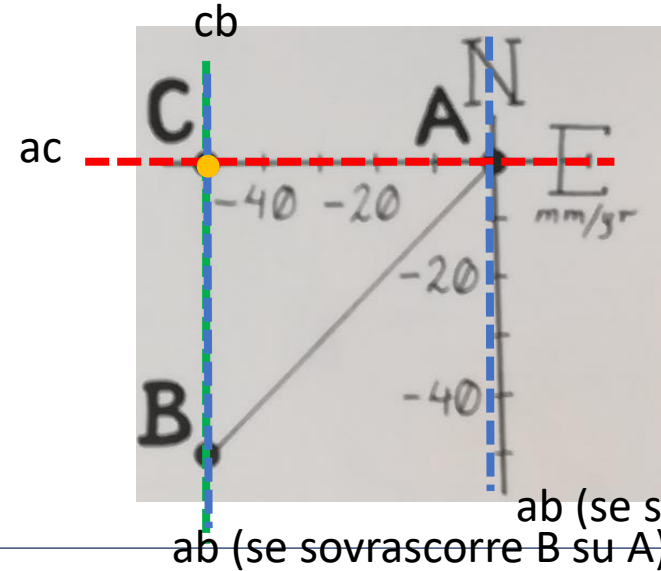
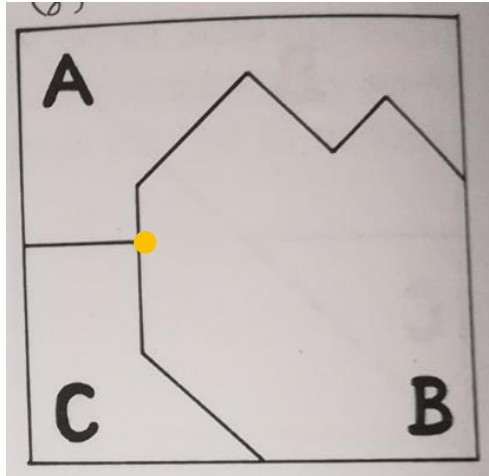
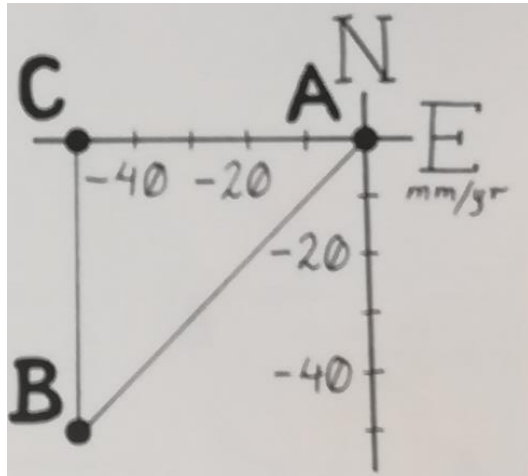
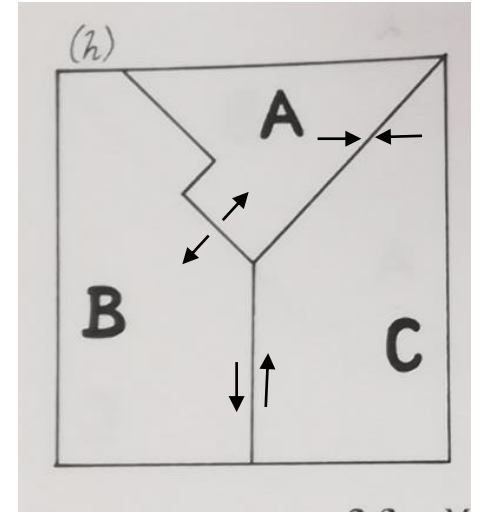
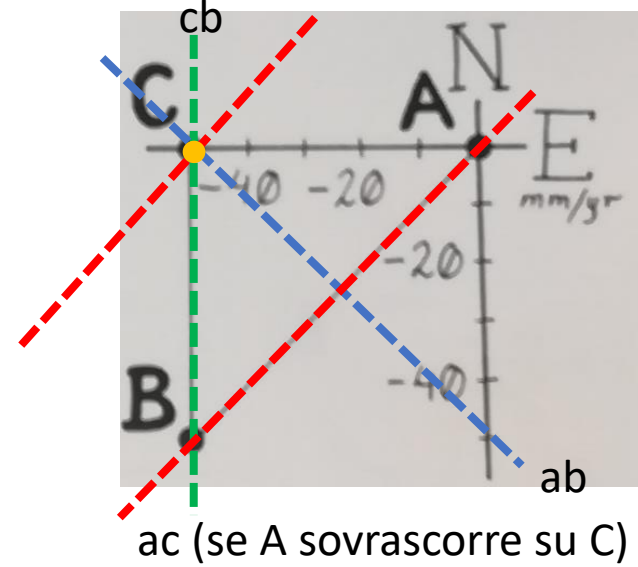
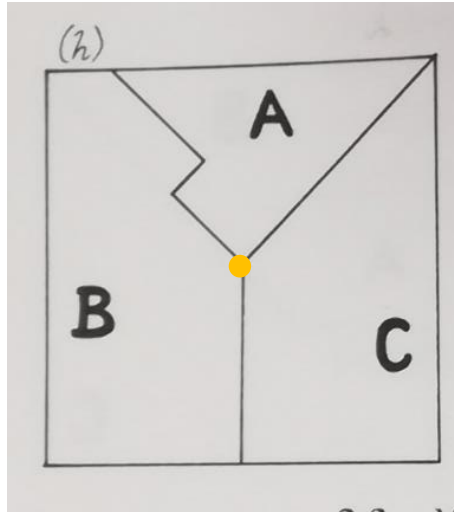
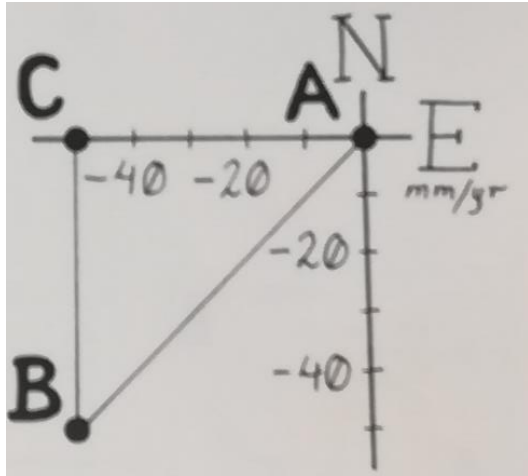


ac (se A sovrascorre su C)

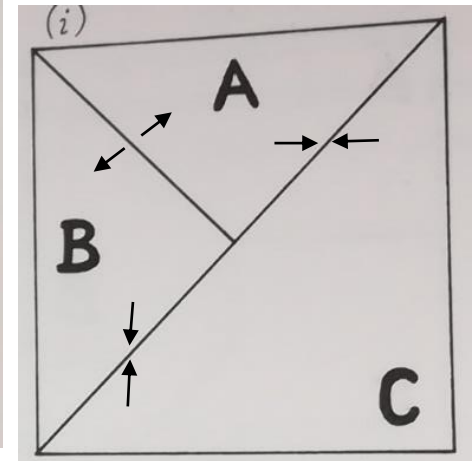
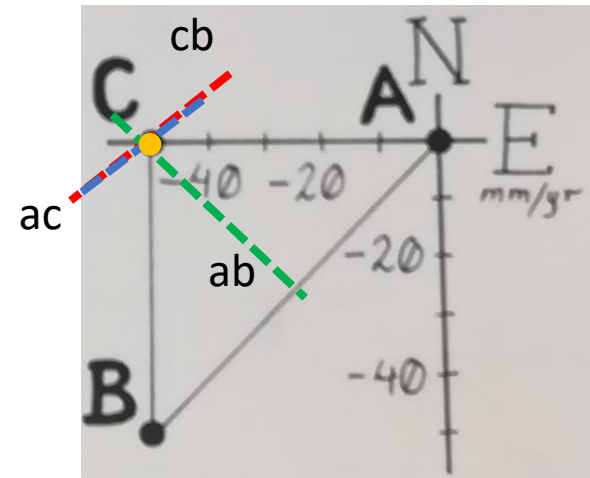
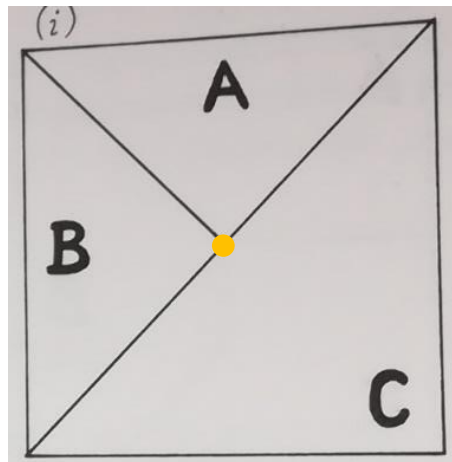
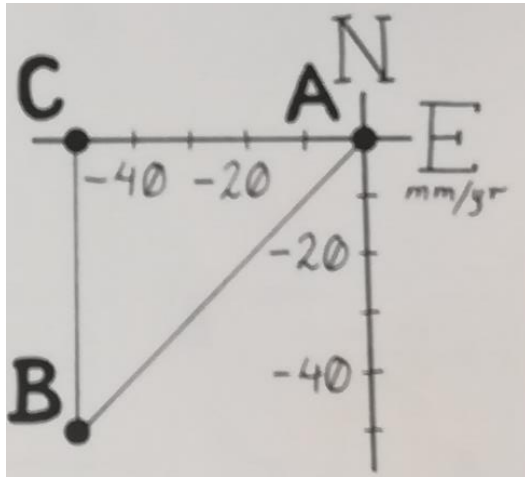
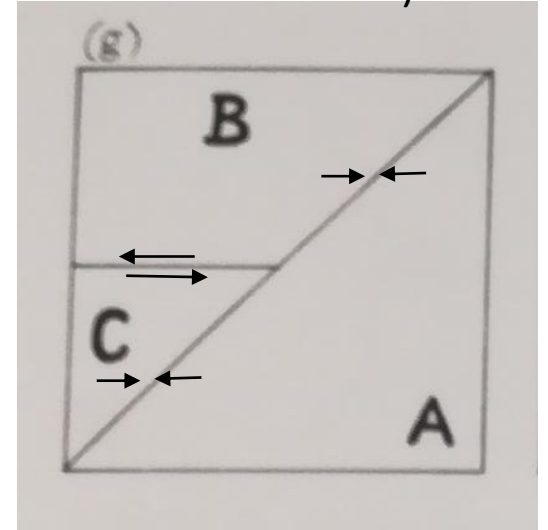
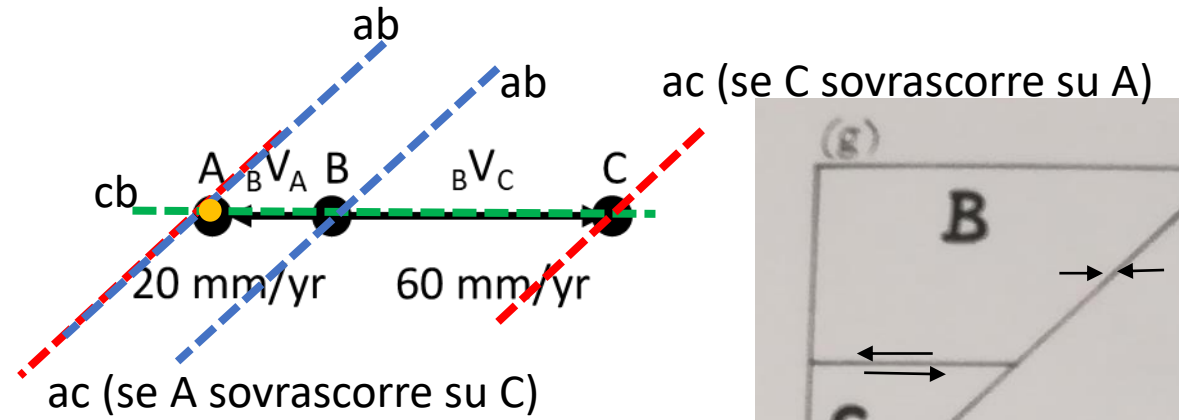
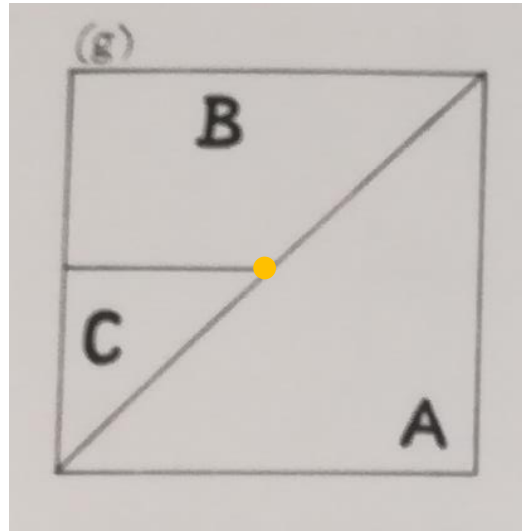
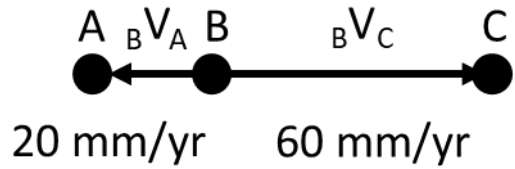
Tettonica delle placche: esercizi



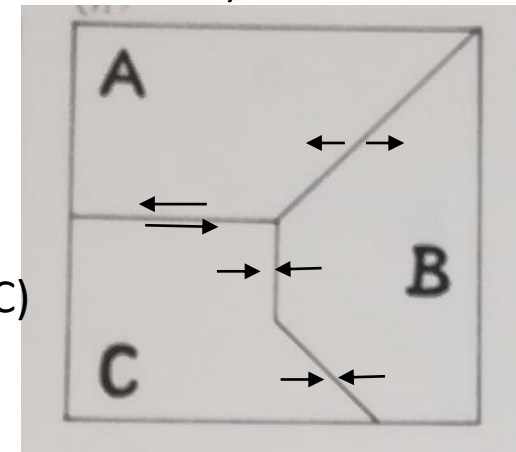
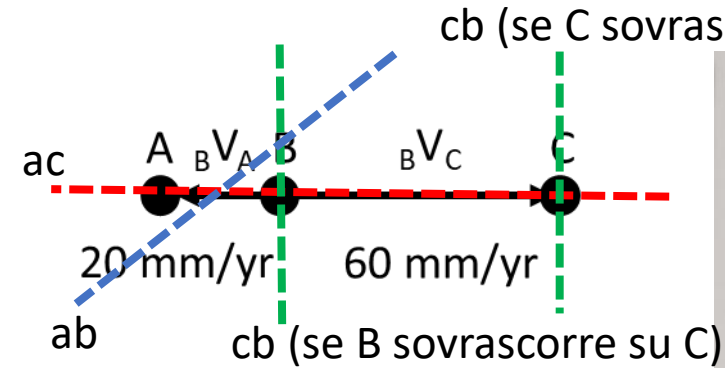
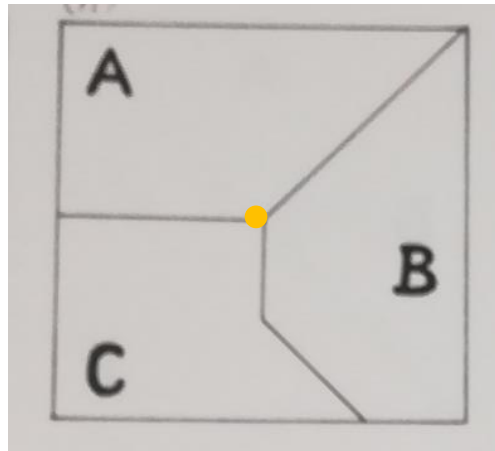
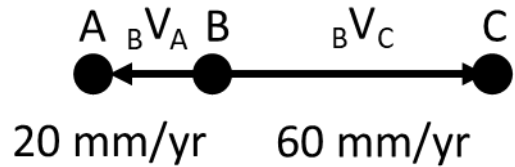
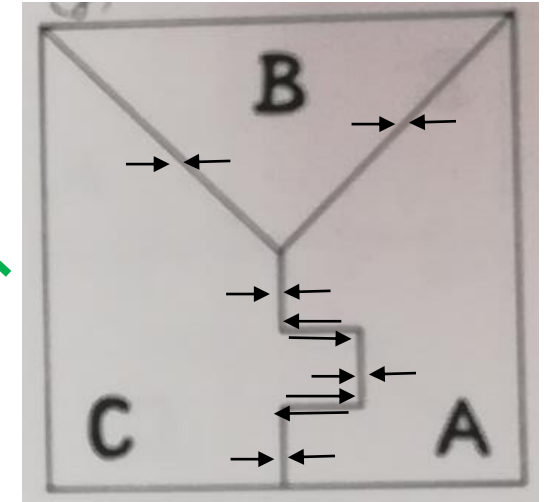
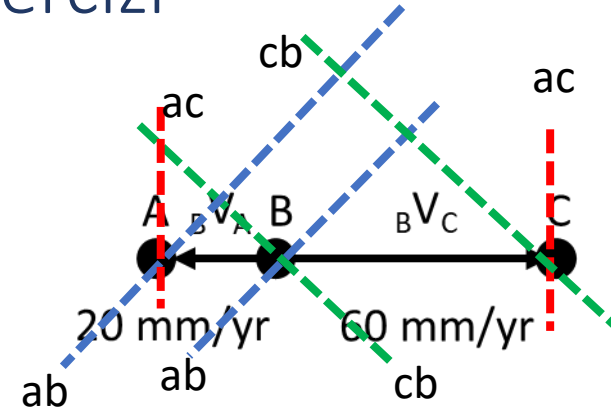
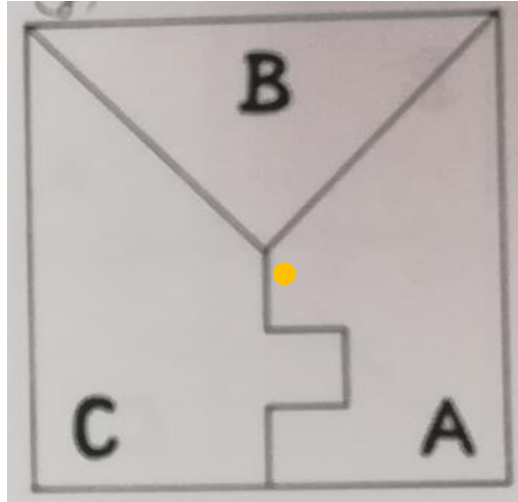
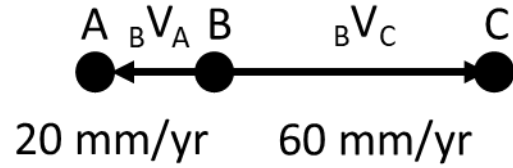
Tettonica delle placche: esercizi



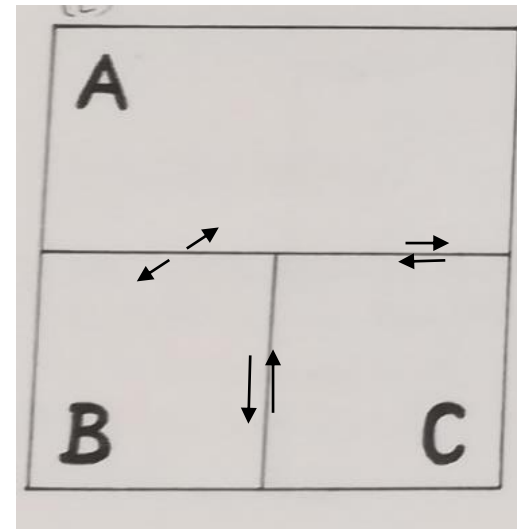
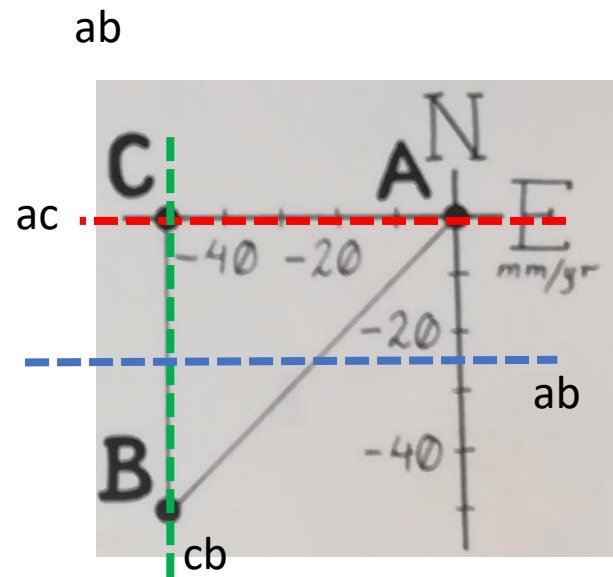
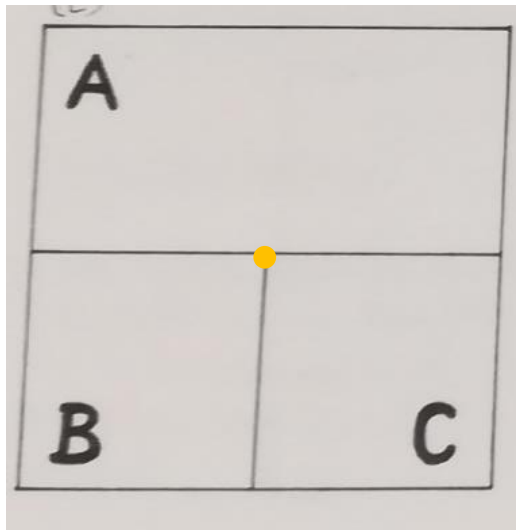
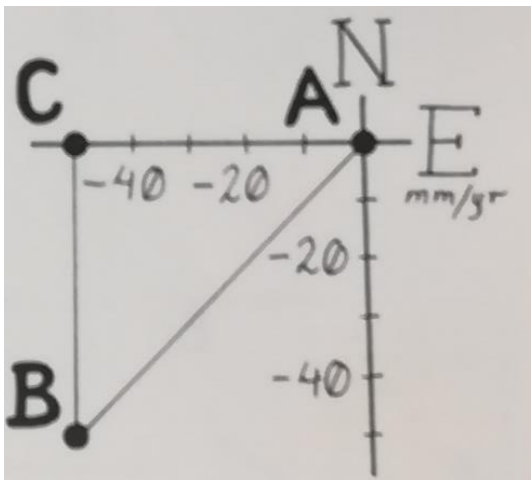
Tettonica delle placche: esercizi



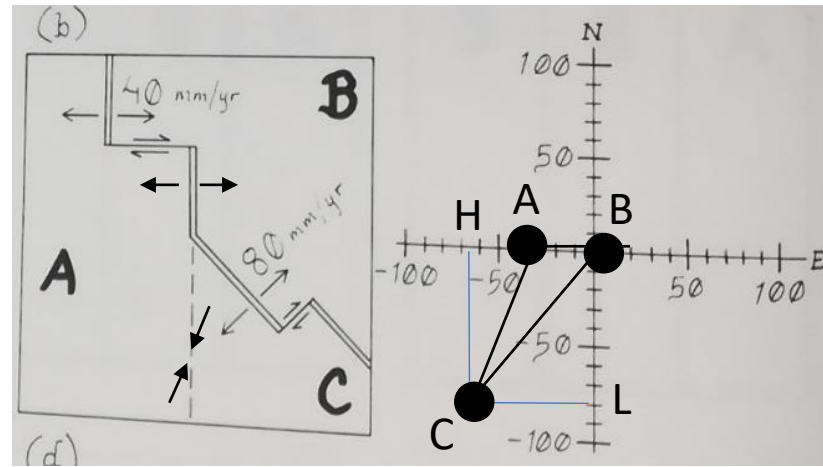
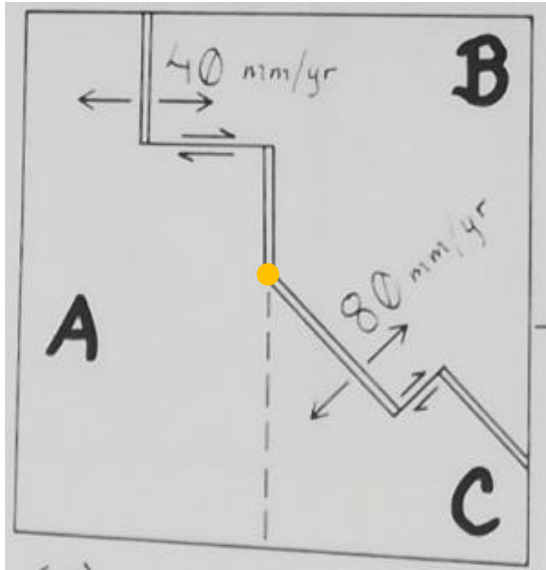
Tettonica delle placche: esercizi



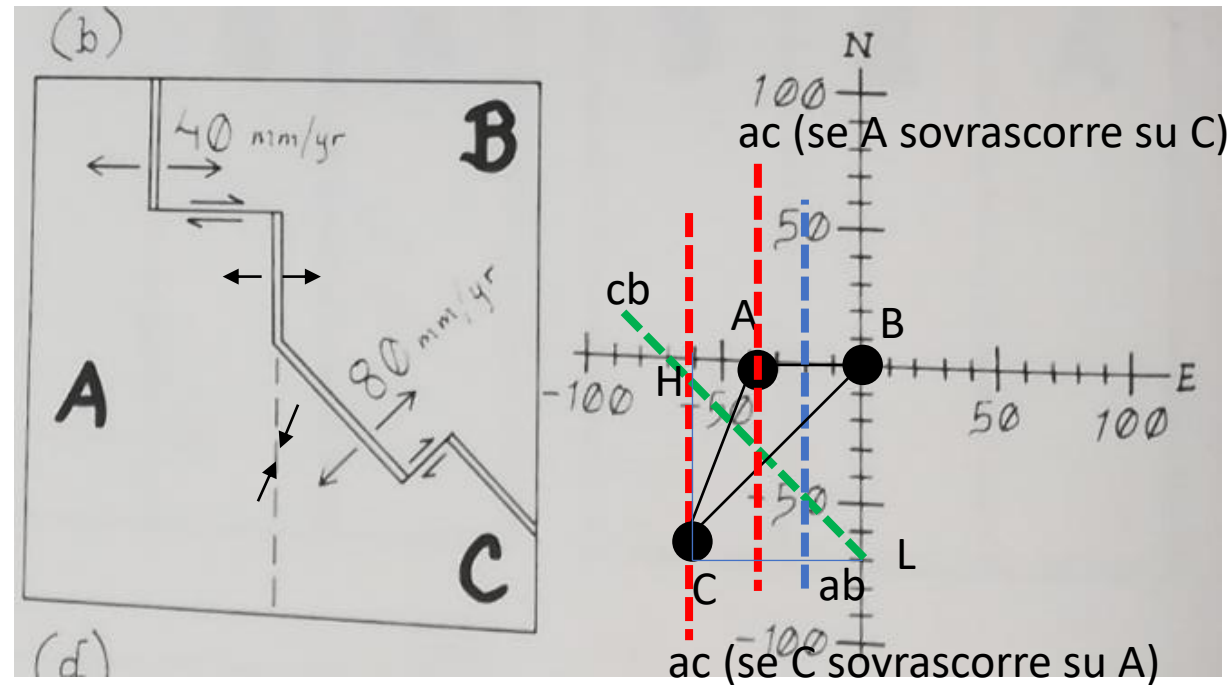
Tettonica delle placche: esercizi



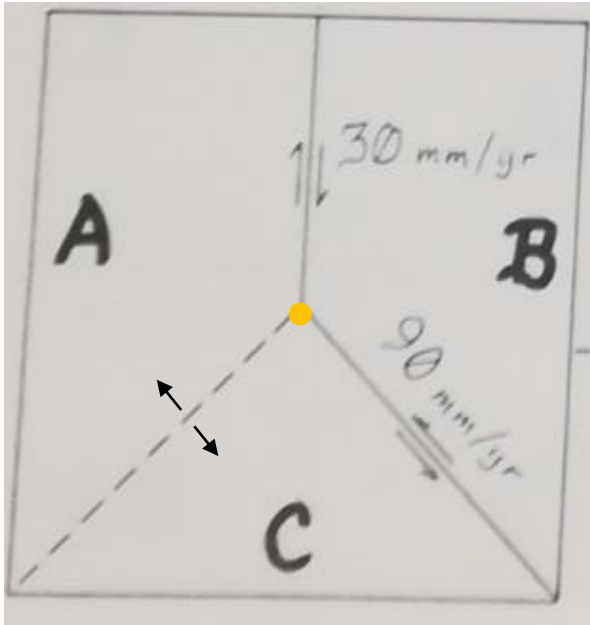
Tettonica delle placche: esercizi



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



Tettonica delle placche: esercizi



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

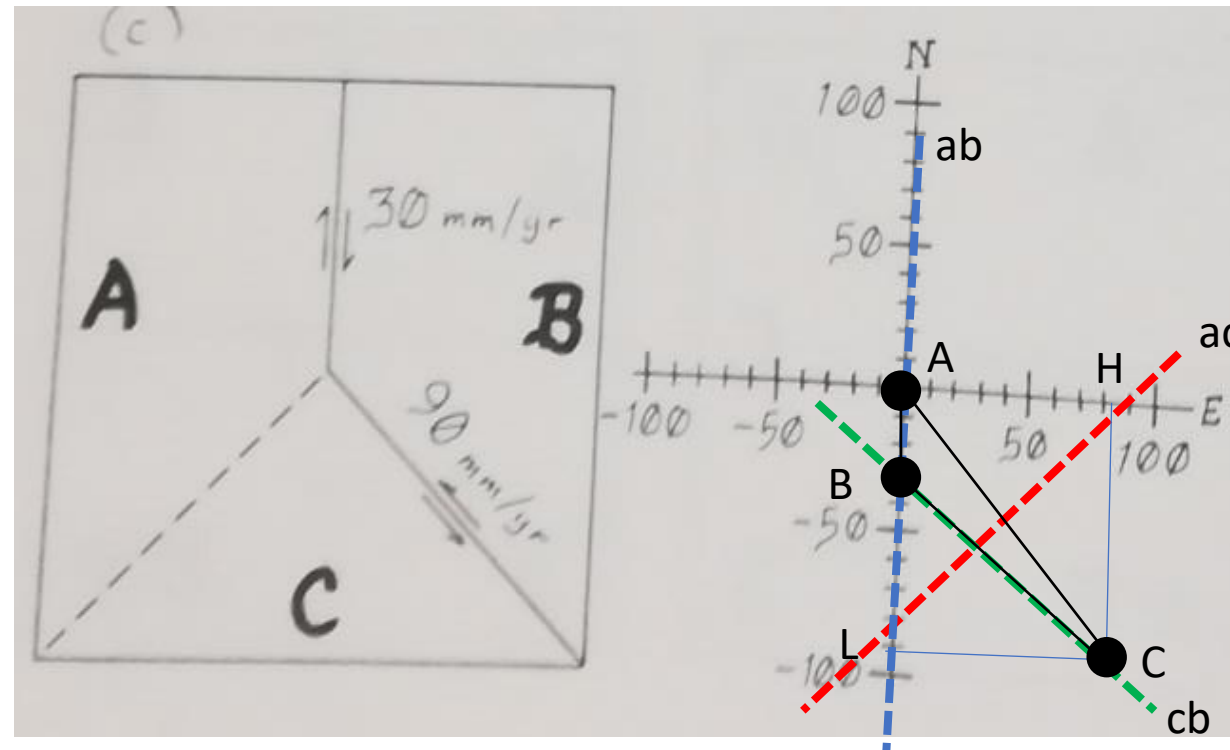
$$CB = 90 \text{ mm/yr}$$

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

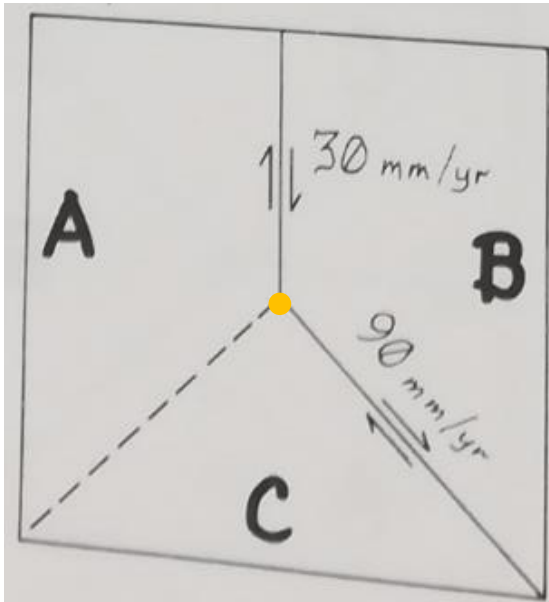
$$BL = CL = CB / (2^{1/2}) = 63.6$$

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

$$AC = 113.2$$



Tettonica delle placche: esercizi



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

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

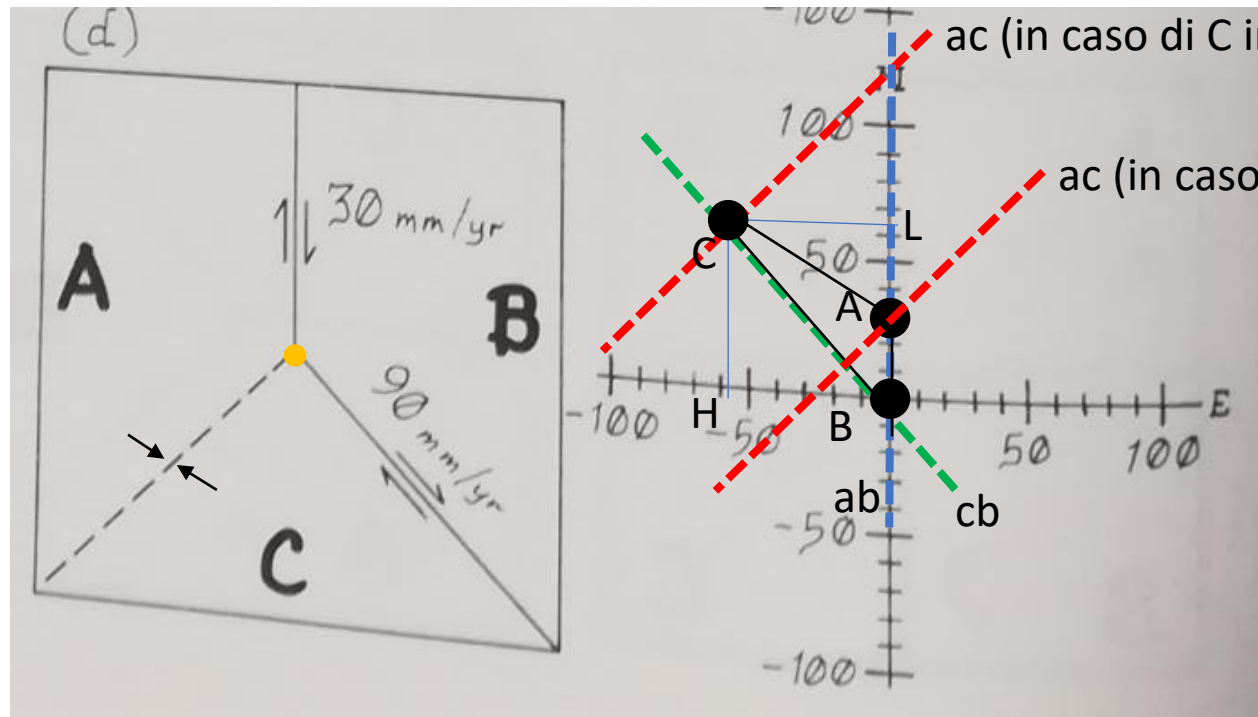
$$AC = ? = (AL^2 + CL^2)^{1/2}$$

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

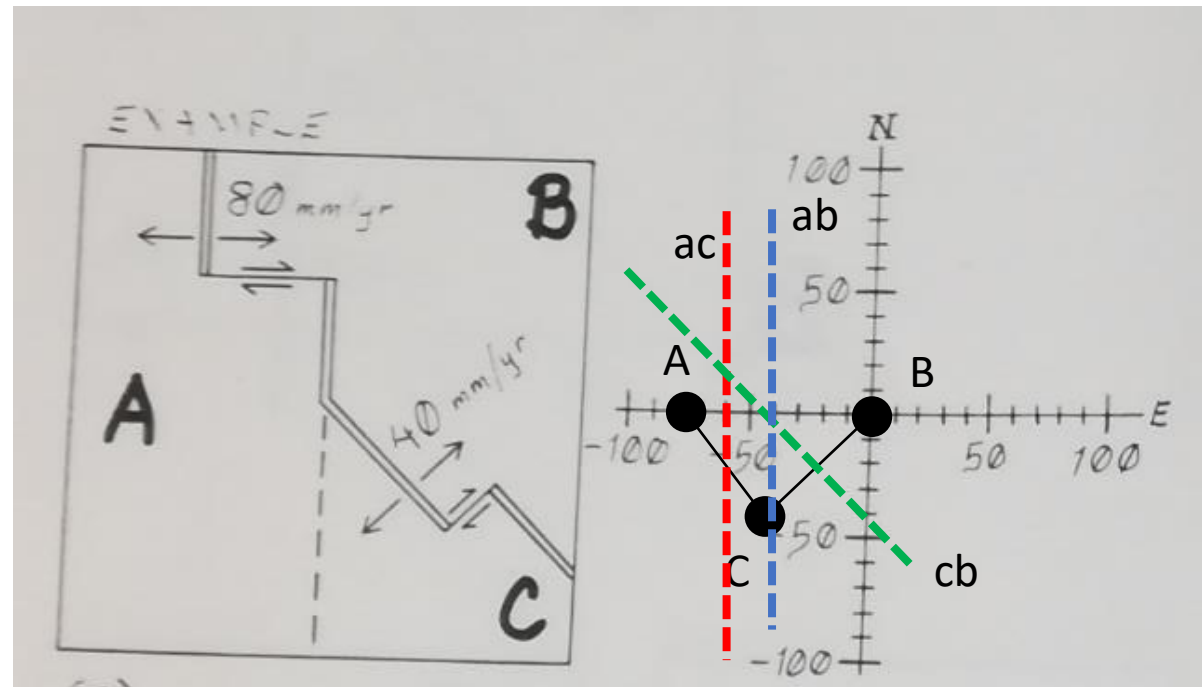
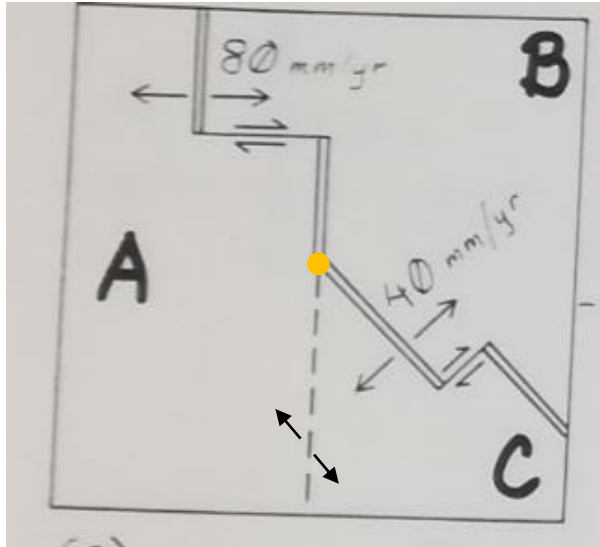
$$CH = BL = HB$$

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

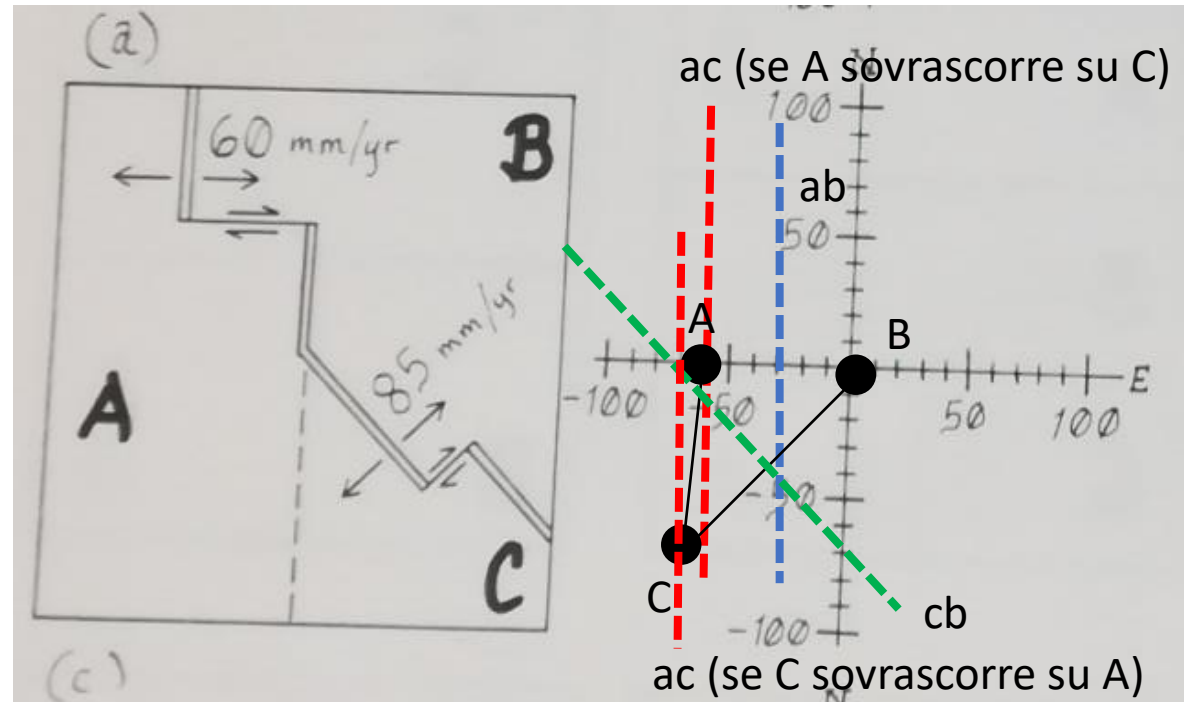
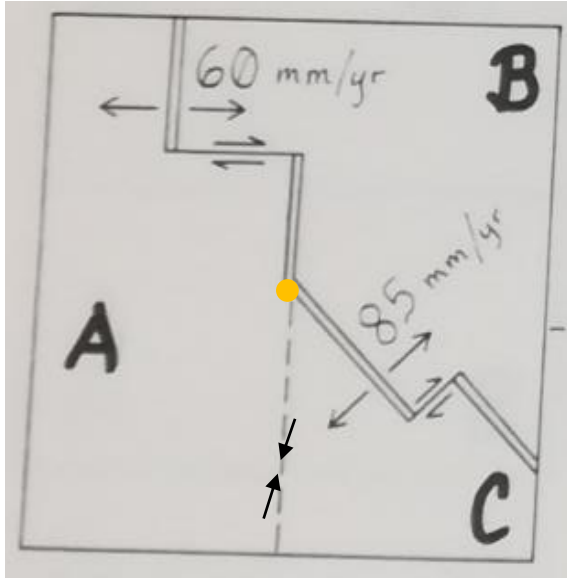
$$AC = 71.9$$



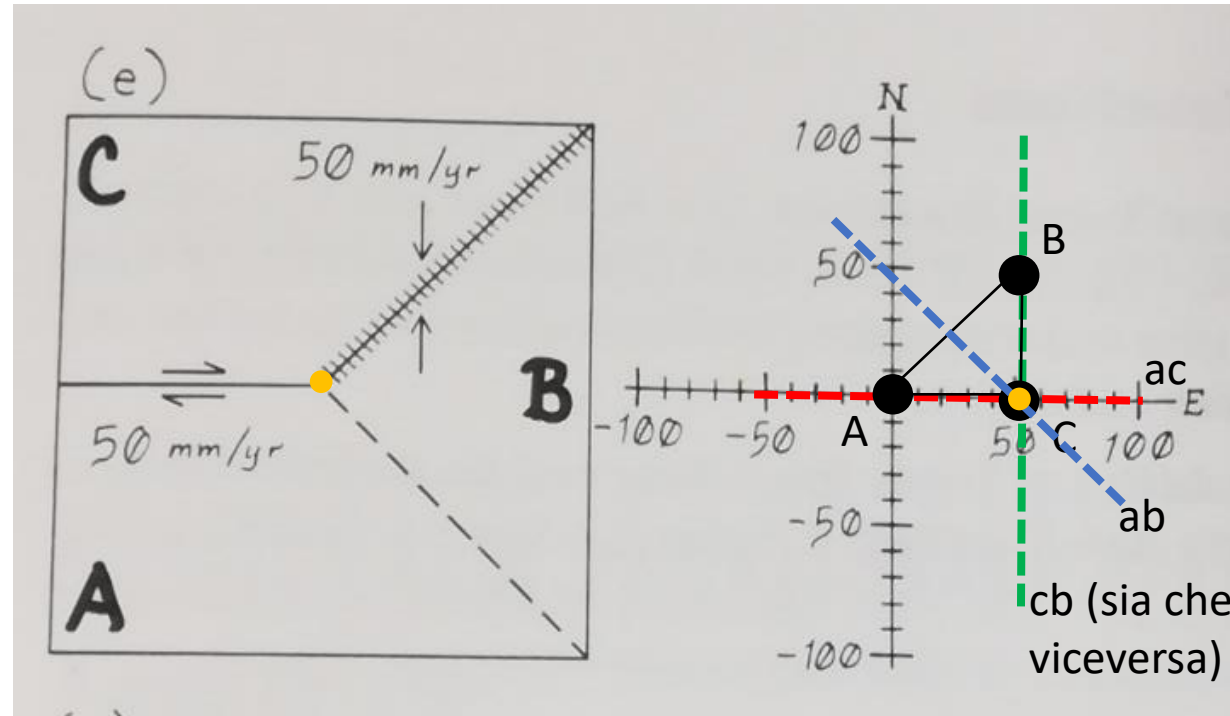
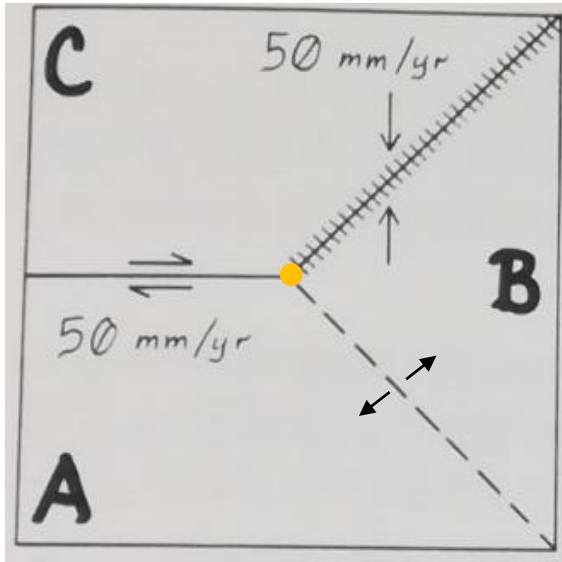
Tettonica delle placche: esercizi



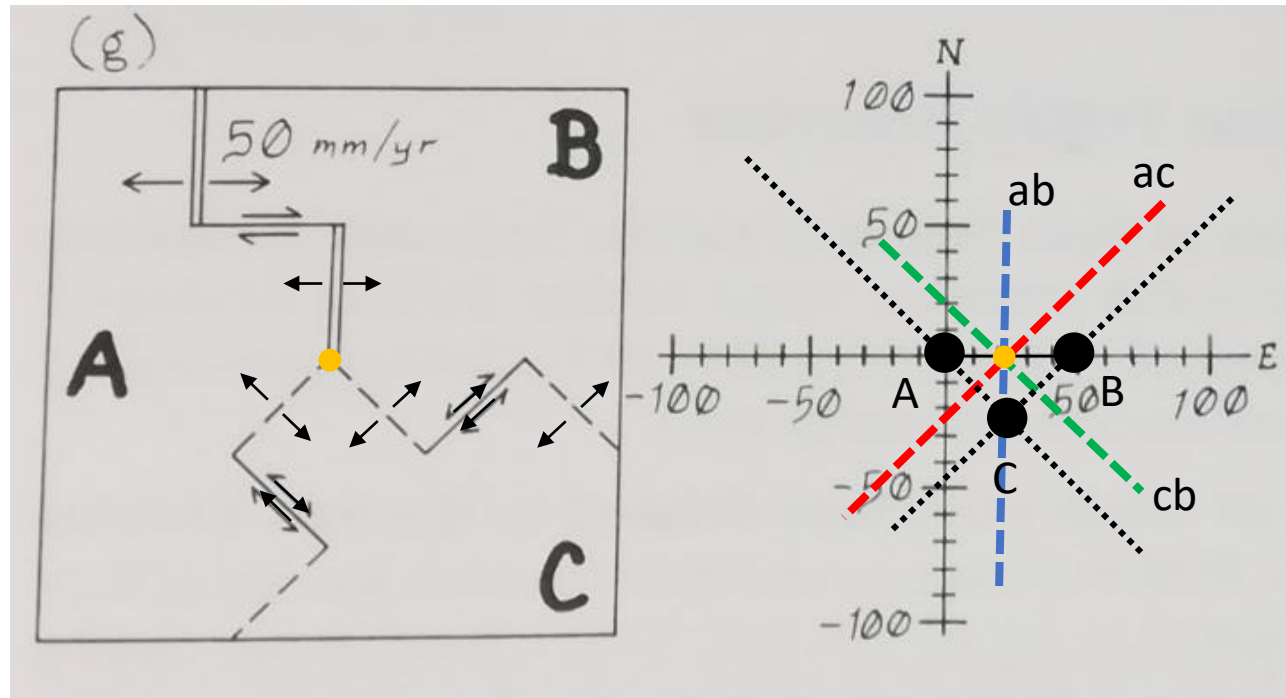
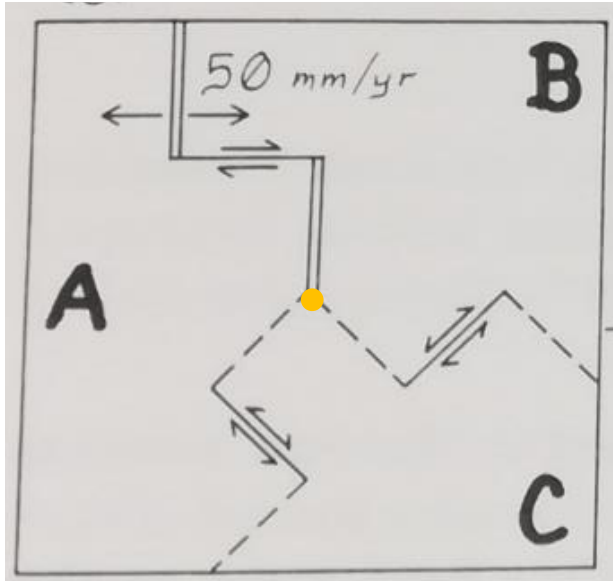
Tettonica delle placche: esercizi



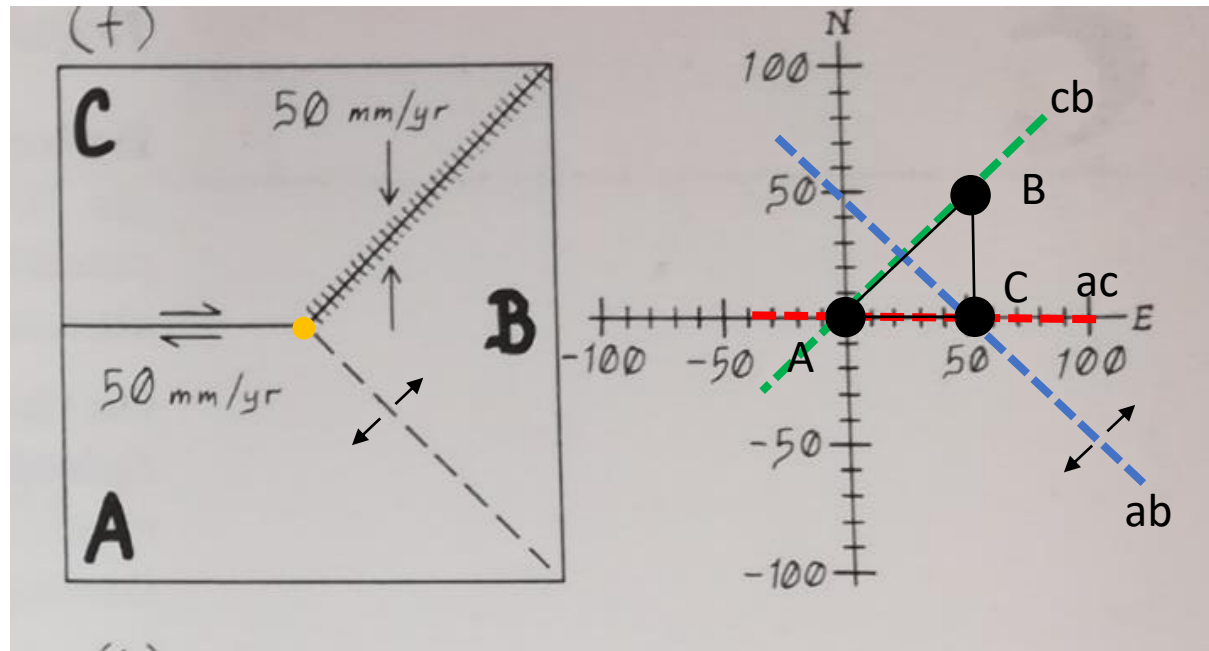
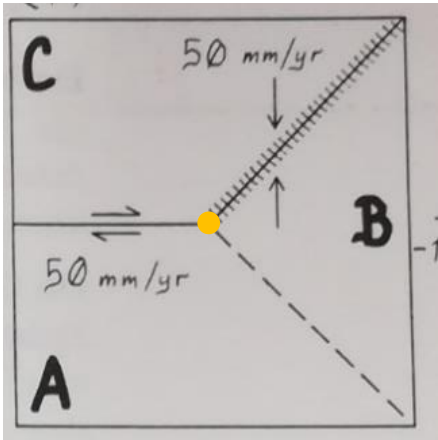
Tettonica delle placche: esercizi



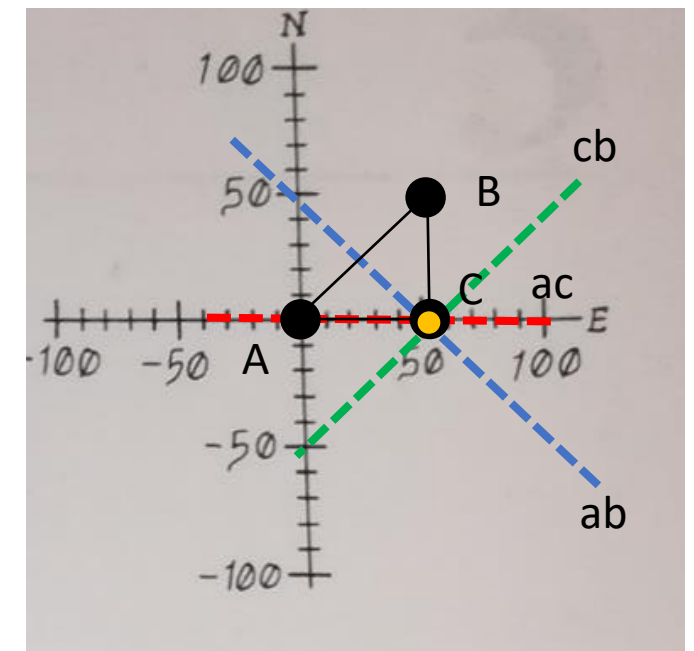
Tettonica delle placche: esercizi



Tettonica delle placche: esercizi

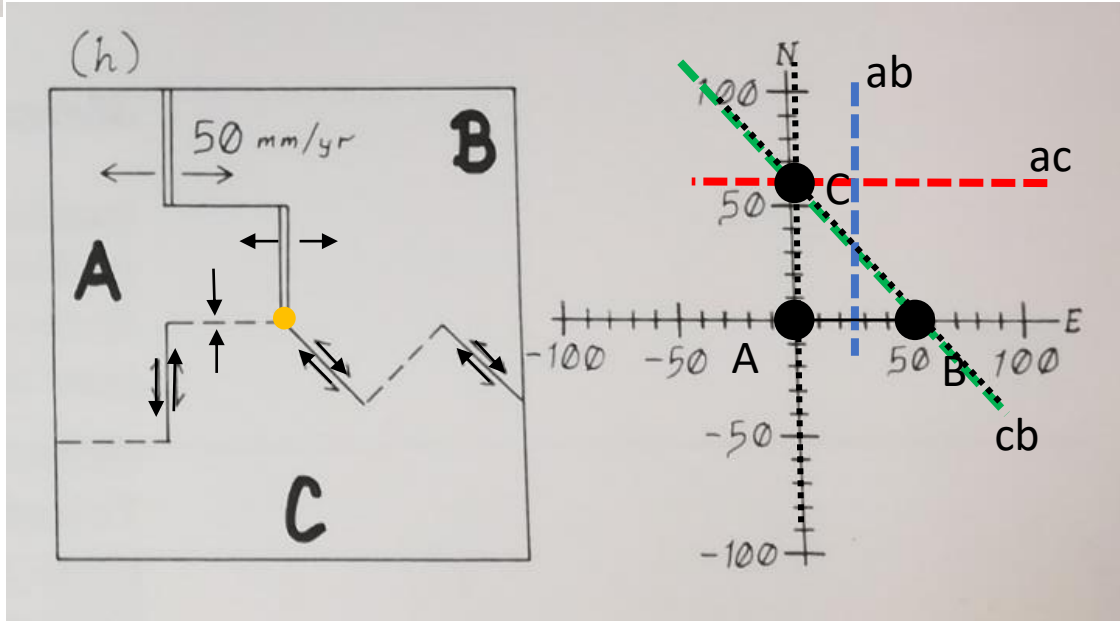
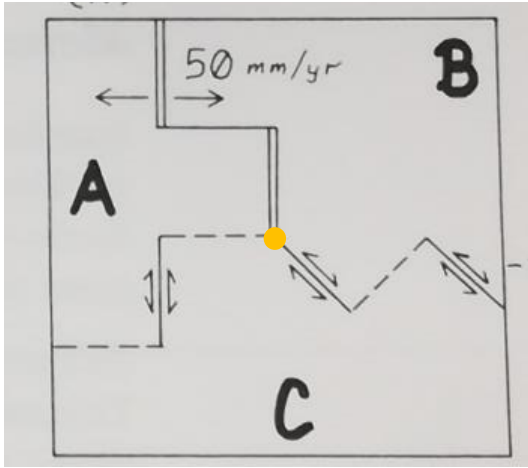


Caso in cui B sovrascorre su C

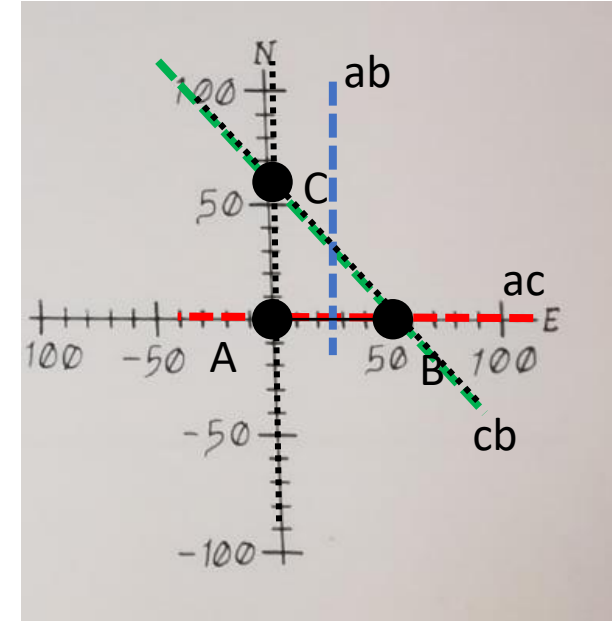


Caso in cui C sovrascorre su B

Tettonica delle placche: esercizi



Caso in cui C sovrascorre su A



Caso in cui A sovrascorre su C