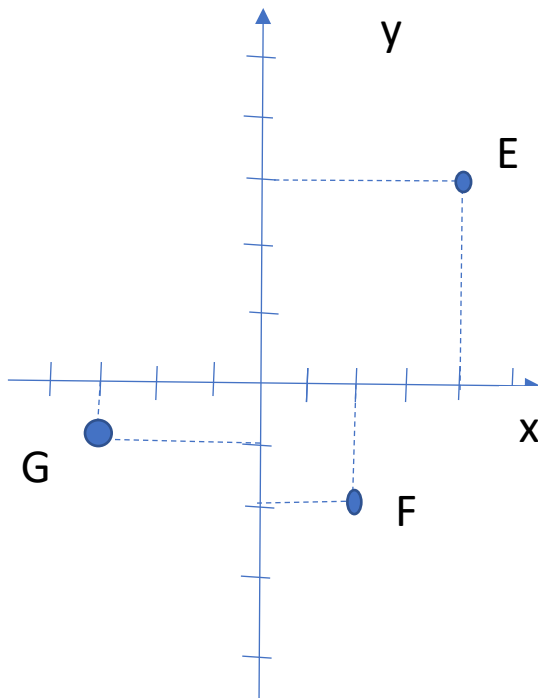




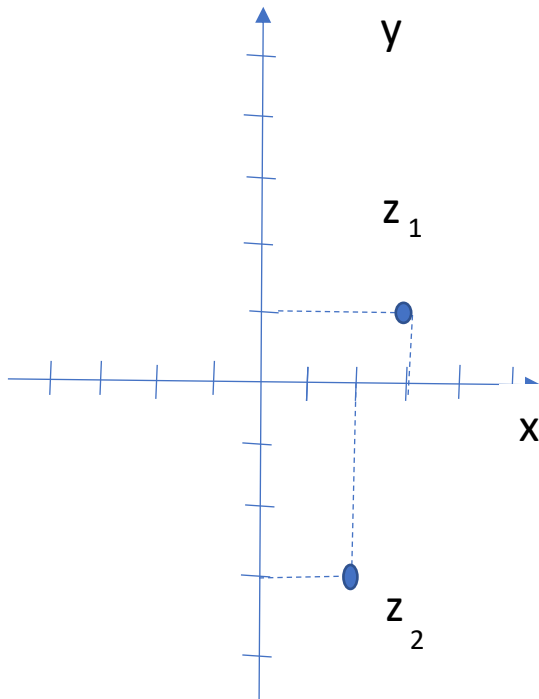
Matemática Fácil

Lista de Exercícios - Aula 09 – O que é o Plano de Argand-Gauss ?

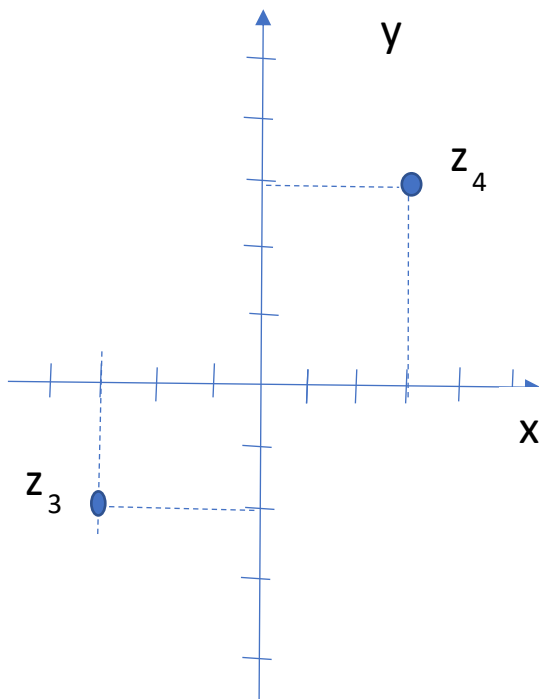
- 1) Represente no plano de Argand-Gauss os números complexos $A = 5 + 2i$ e $B = 3 - 2i$.
- 2) Represente no plano de Argand-Gauss os números complexos $C = 9 + 7i$ e $D = 4 - 6i$.
- 3) Quais os valores dos números complexos representados no plano de Argand-Gauss abaixo ?



4) Sendo os números z_1 e z_2 no plano de Argand-Gauss abaixo, calcule $z_1 + z_2$.

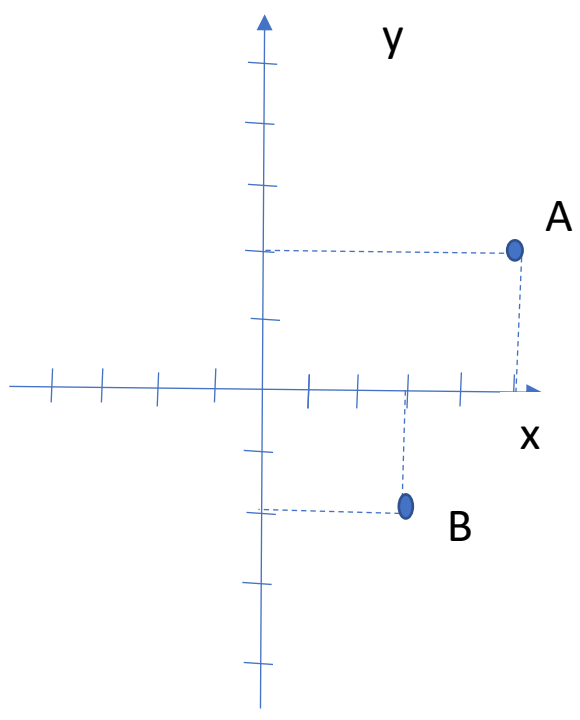


5) Sendo os números z_3 e z_4 no plano de Argand-Gauss abaixo, calcule $z_3 \cdot z_4$.

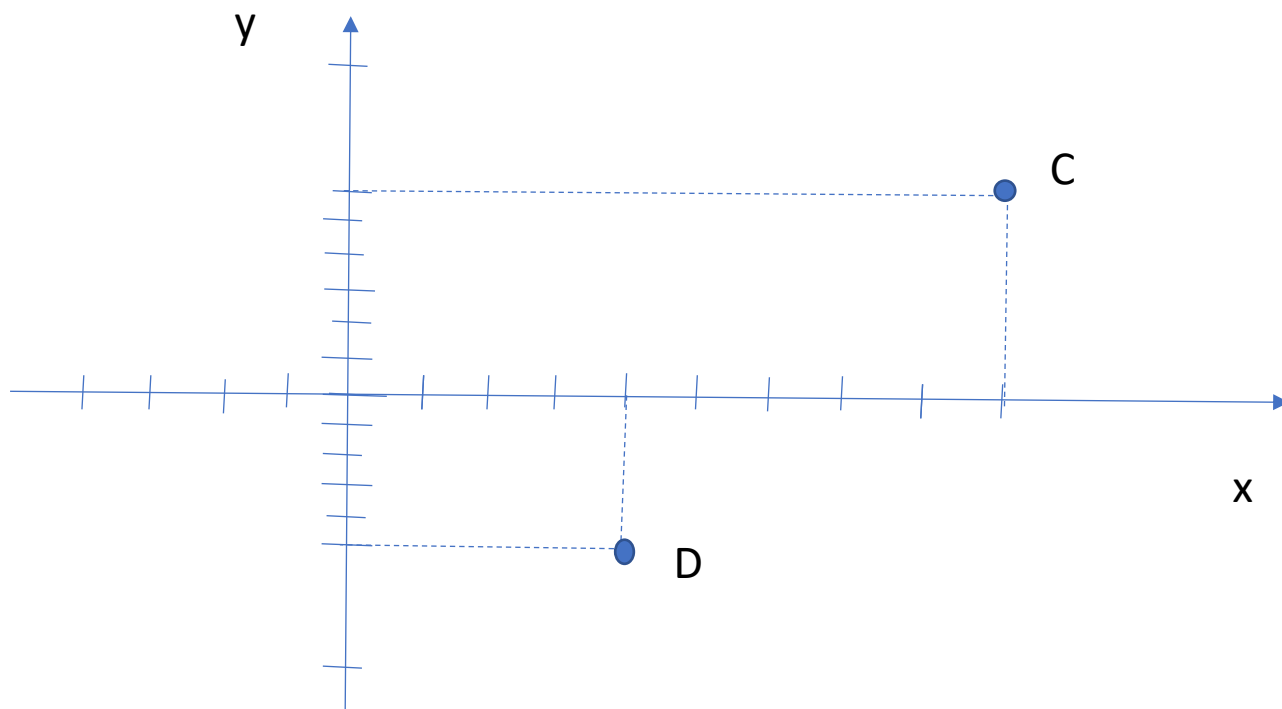


Gabarito:

1)



2)



3) $E = 3 + 3i$, $F = 2 - 2i$, $G = -1 - 3i$

4) $5 - 2i$

5) $3 - 15i$