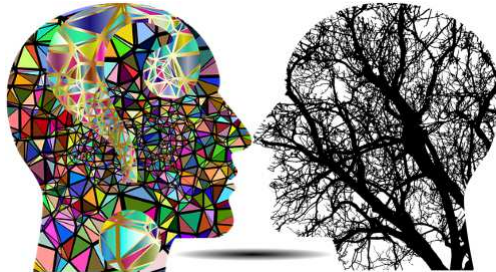


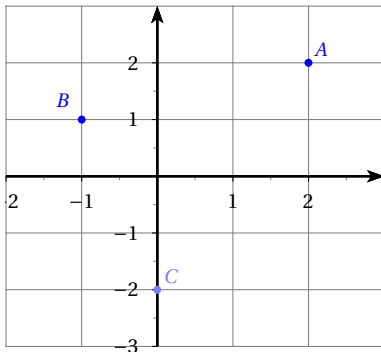
Activités mentales

Stéphane Mirbel

Vous disposez de **45 secondes** pour répondre aux questions

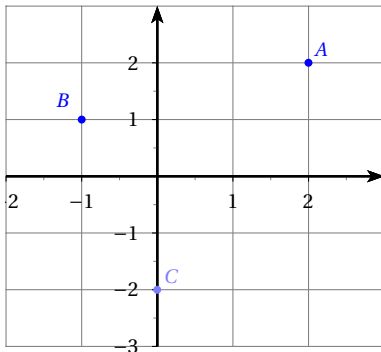


Question 1



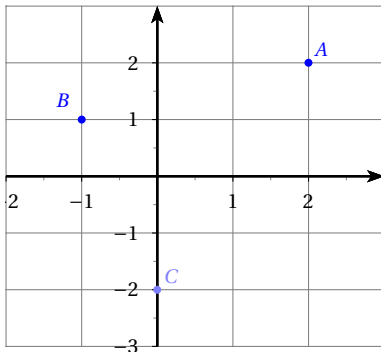
Donner l'affixe z_A , z_B et z_C des points A , B et C .

👉 Question 1



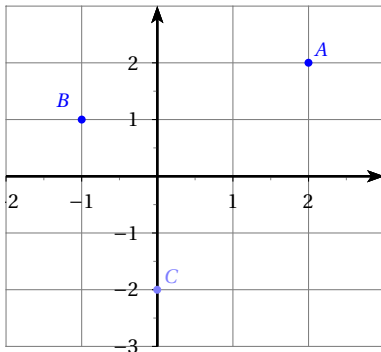
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Question 1



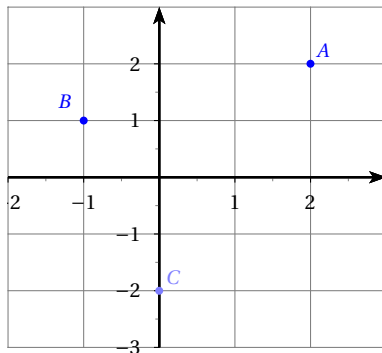
Donner l'affixe z_A , z_B et z_C des points A , B et C .

Question 1



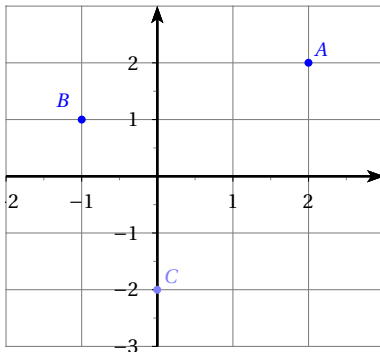
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Question 1



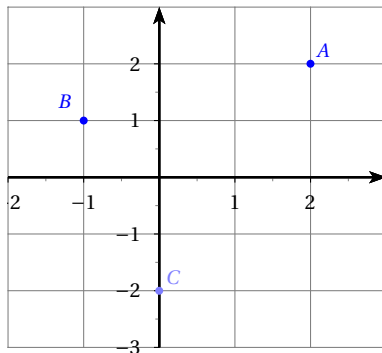
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Question 1



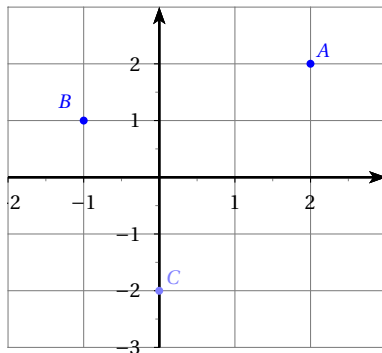
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Question 1



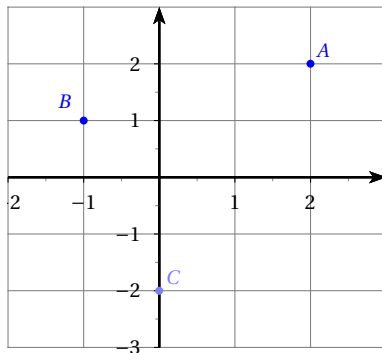
Donner l'affixe z_A , z_B et z_C des points A , B et C .

Question 1



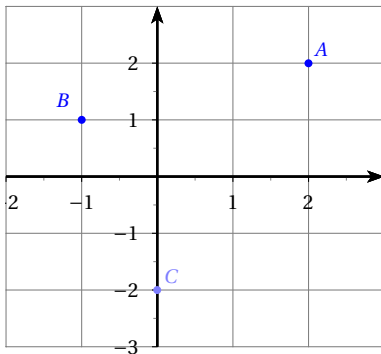
Donner l'affixe z_A , z_B et z_C des points A , B et C .

Question 1



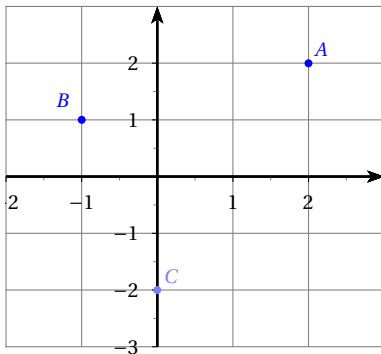
Donner l'affixe z_A , z_B et z_C des points A , B et C .

Question 2



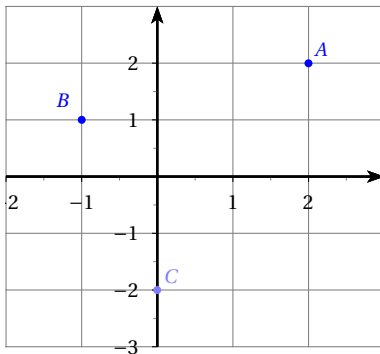
Calculer $|z_A|$

Question 2



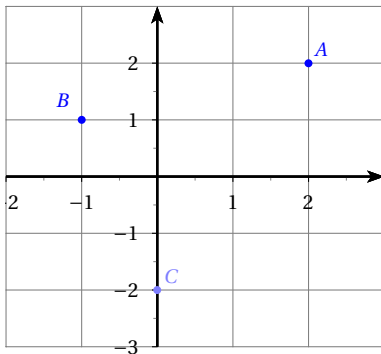
Calculer $|z_A|$

Question 2



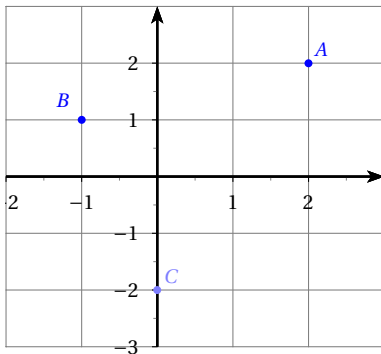
Calculer $|z_A|$

Question 2



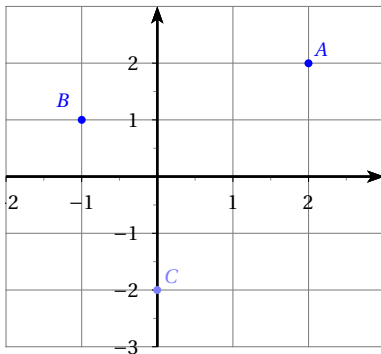
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Question 2



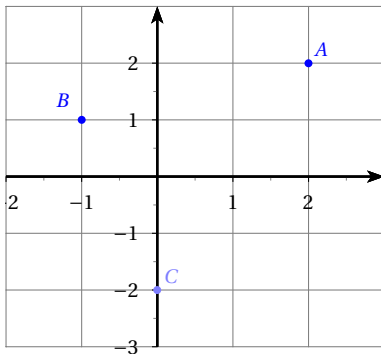
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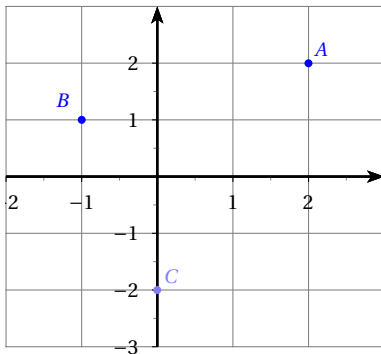
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Question 2



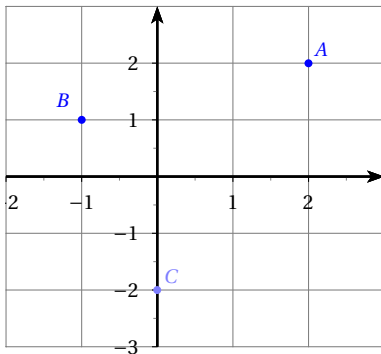
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Question 2



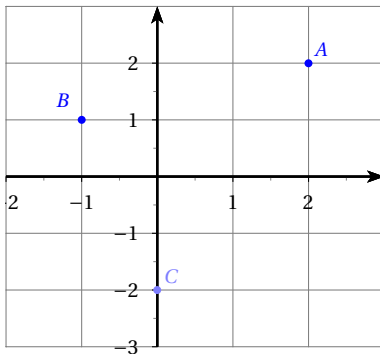
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Question 2



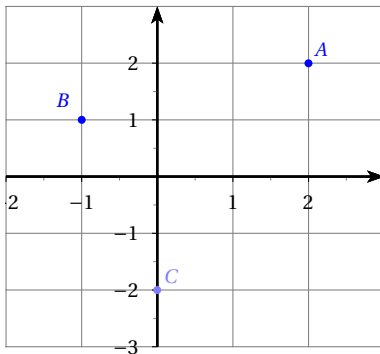
Calculer $|z_A|$

Question 3



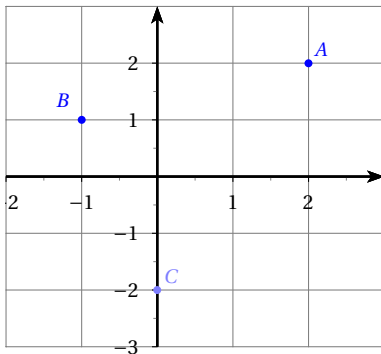
Calculer $|z_B - z_C|$

Question 3



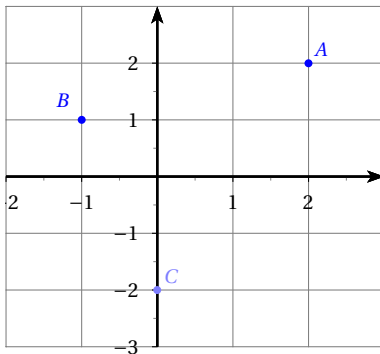
Calculer $|z_B - z_C|$

Question 3



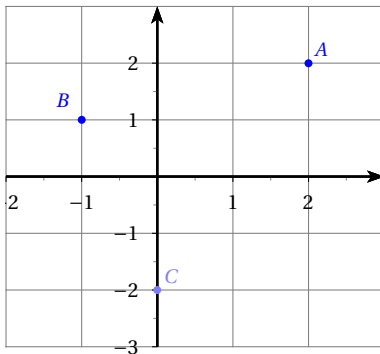
Calculer $|z_B - z_C|$

Question 3



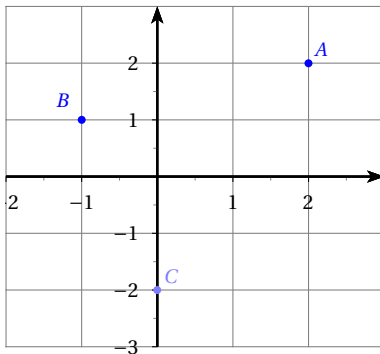
Calculer $|z_B - z_C|$

Question 3



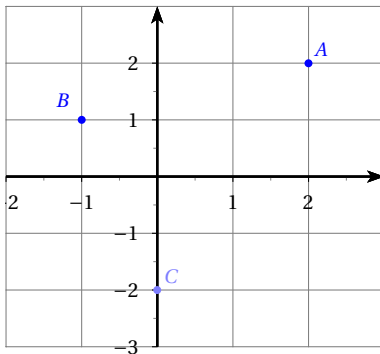
Calculer $|z_B - z_C|$

Question 3



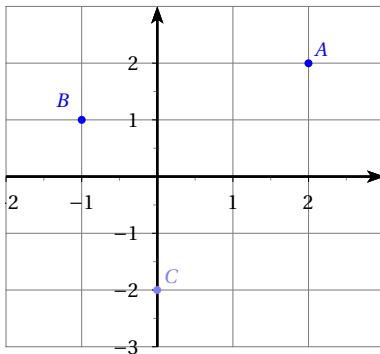
Calculer $|z_B - z_C|$

Question 3



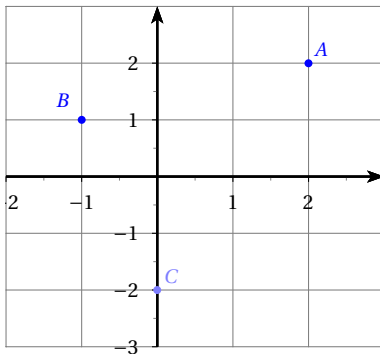
Calculer $|z_B - z_C|$

Question 3



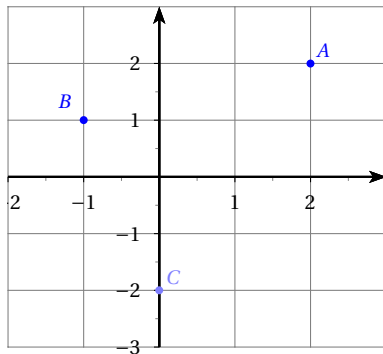
Calculer $|z_B - z_C|$

Question 3



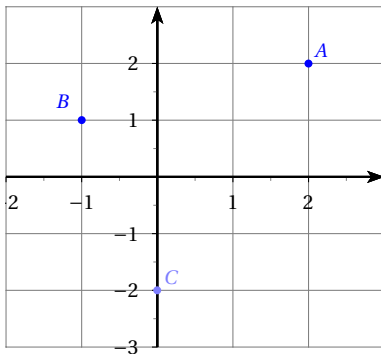
Calculer $|z_B - z_C|$

👉 Question 4



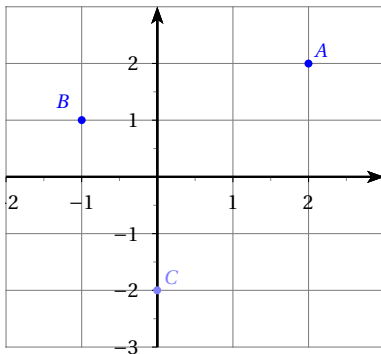
Quelle est l'abscisse du vecteur \vec{AB} ?

Question 4



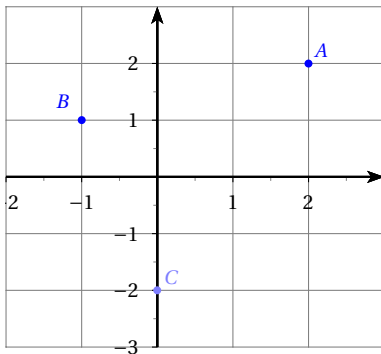
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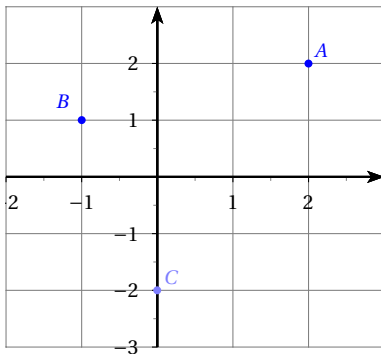
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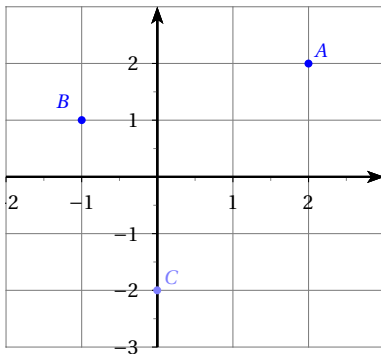
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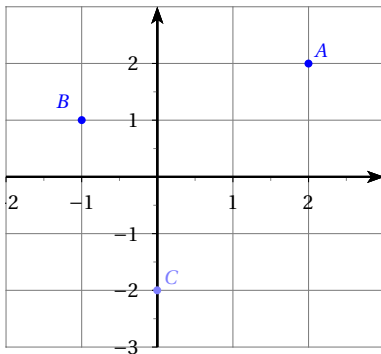
Quelle est l'abscisse du vecteur \vec{AB} ?

👉 Question 4



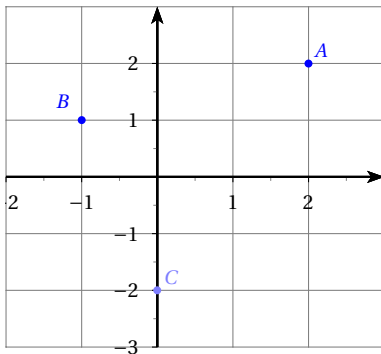
Quelle est l'affixe du vecteur \vec{AB} ?

👉 Question 4



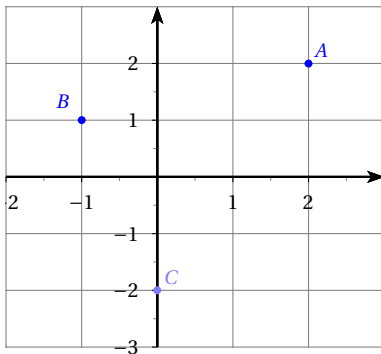
Quelle est l'abscisse du vecteur \vec{AB} ?

👉 Question 4



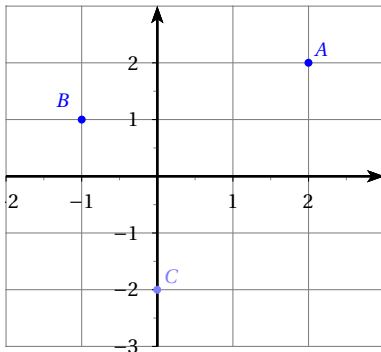
Quelle est l'abscisse du vecteur \vec{AB} ?

👉 Question 4



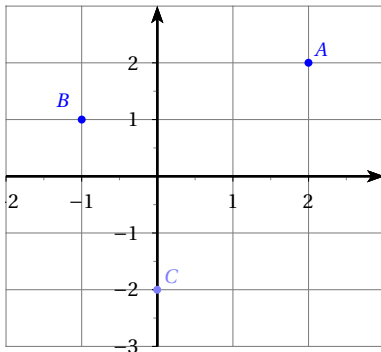
Quelle est l'abscisse du vecteur \vec{AB} ?

Question 5



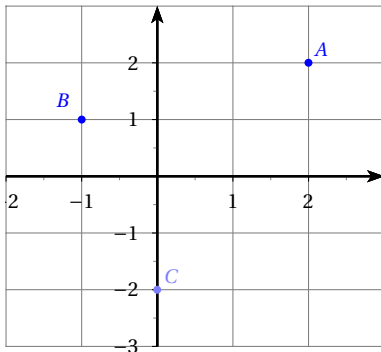
Quelle est l'abscisse du point I milieu du segment $[AB]$.

Question 5



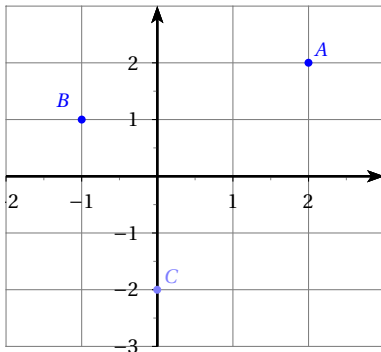
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Question 5



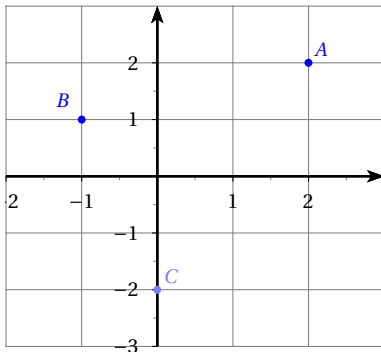
Quelle est l'abscisse du point I milieu du segment $[AB]$.

Question 5



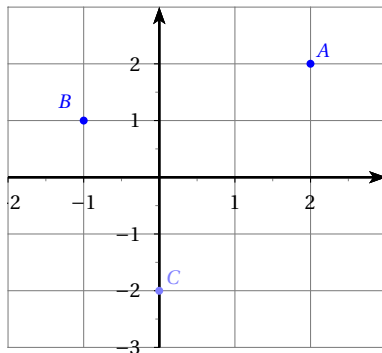
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Question 5



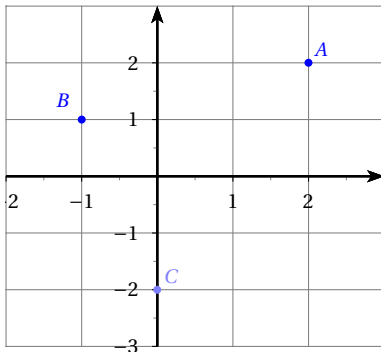
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Question 5



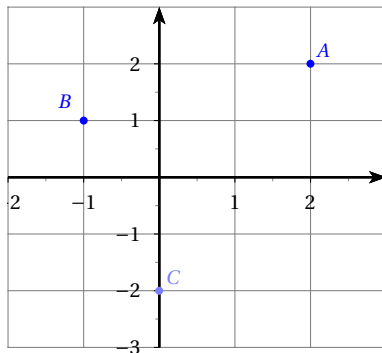
Quelle est l'abscisse du point I milieu du segment $[AB]$.

Question 5



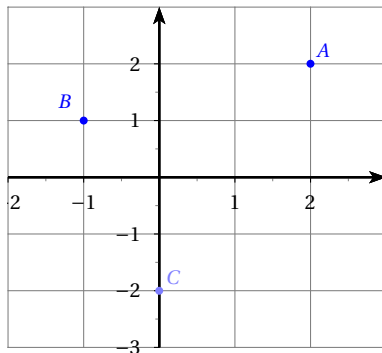
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Question 5



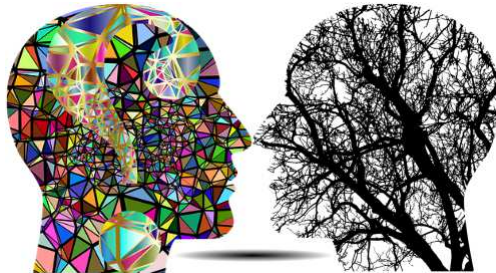
Quelle est l'abscisse du point I milieu du segment $[AB]$.

Question 5

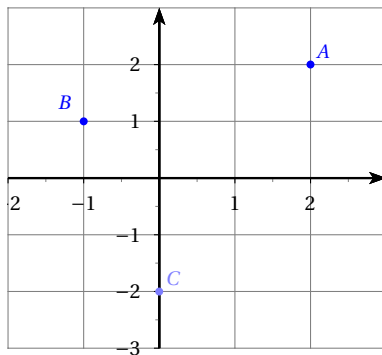


Quelle est l'abscisse du point I milieu du segment $[AB]$.

Correction

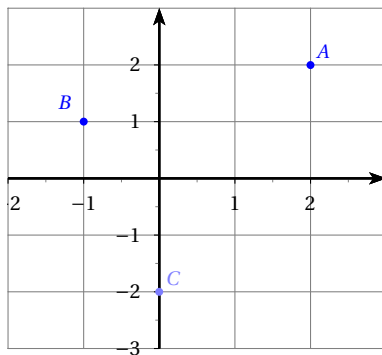


👉 Correction question 1



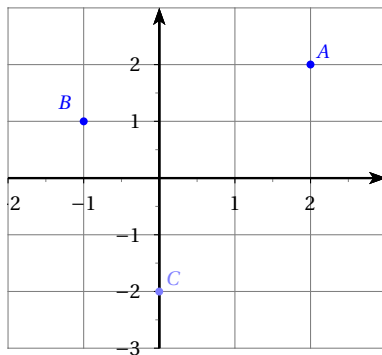
$$z_A = 2 + 2i, z_B = -1 + i \text{ et } z_C = -2i.$$

👉 Correction question 2



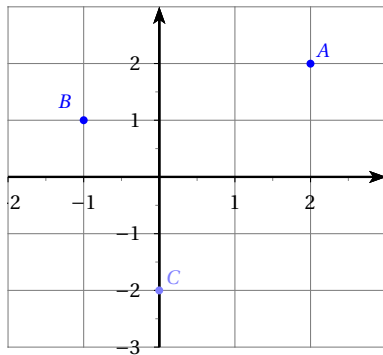
$$|z_A| = \sqrt{4+4} = 2\sqrt{2}$$

👉 Correction question 3



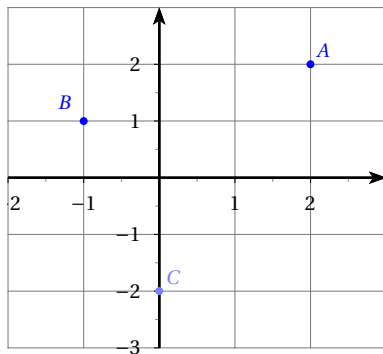
$$|z_B - z_C| = \sqrt{1 + 9} = \sqrt{10}$$

Correction question 4

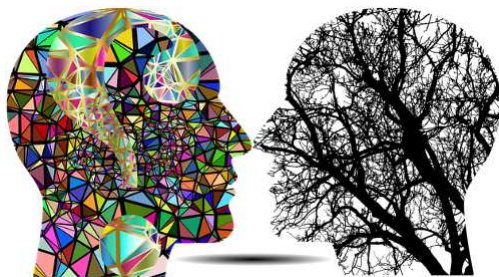


L'affixe du vecteur \vec{AB} est $-4 - i$

Correction question 5



L'affixe du point I milieu du segment $[AB]$ est $0,5 + 1,5i$



Fin