

Multiplication by i

Quiz: Multiplication by i .

Multiplication by i has what effect on a complex number in the complex plane?

Choices:

- a) It rotates the number around the origin by 90 degrees counterclockwise.
- b) It rotates the number around the origin by 90 degrees clockwise.
- c) It takes a number to the number pointing in the opposite direction with the same distance from the origin.
- d) It reflects the number across the imaginary axis.
- e) It reflects the number across the real axis.
- f) None of the above.
- g) I don't know.

Pick what you think is the correct choice and then look at the answer.

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