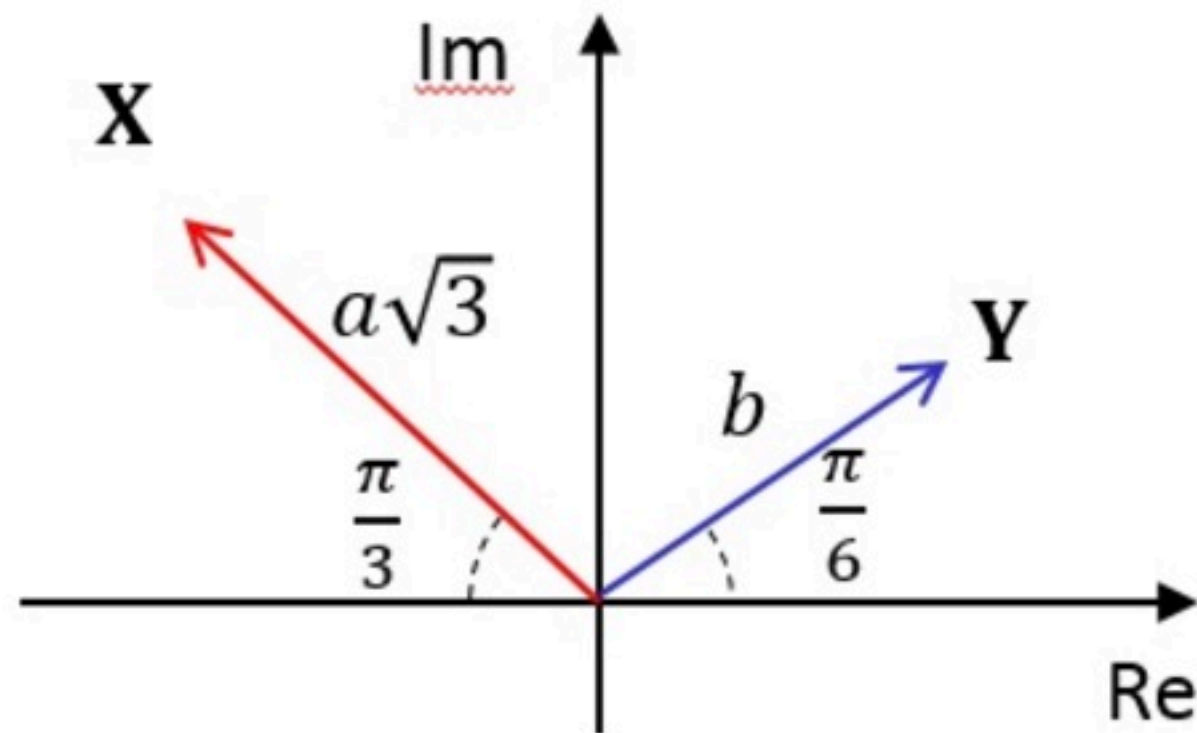


Complex numbers 003

Problem has been graded.



$$\mathbf{A} = \mathbf{X} + \mathbf{Y}$$

Find $d = |\mathbf{A}|^2$

Solve without a calculator.

Given Variables:

$a : 1$.

$b : 3$.

Calculate the following:

$d(.) :$

12



Hint: Convert to cartesian coordinates