Answer to Question #82210 - Math / Complex Analysis
October 20, 2018

Question. Evaluate $|3 + 4i|$.

Answer. Using the formula for absolute value $|a + bi| = \sqrt{a^2 + b^2}$,

$$|3 + 4i| = \sqrt{3^2 + 4^2} = \sqrt{9 + 16} = \sqrt{25} = 5.$$