

Answer on Question #58322 – Math – Complex Analysis

Question

If $z = -4 - 3i$, then

$|z|$

is

Solution

Let $z = -4 - 3i$.

Then $|z| = \sqrt{(-4)^2 + (-3)^2} = \sqrt{16 + 9} = \sqrt{25} = 5$.

Answer: $|z| = 5$.