Answer on Question #58316 – Math – Complex Analysis

Question

$z = -11i$. Then conjugate is

Solution

The complex conjugate of a complex number is the number with equal real part and imaginary part equal in magnitude but opposite in sign.

Let $z = -11i$. The real part of z is $\mathrm{Re}(z) = 0$, the imaginary part of z is $\mathrm{Im}(z) = -11i$.

Then the conjugate is $\bar{z} = 11i$.