

## Answer on Question #58291 – Math – Complex Analysis

### Question

Let

$z_1, z_2, z_3$

be complex numbers then ..... obeys the associativity of multiplication of complex numbers

### Solution

Complex numbers  $z_1, z_2, z_3$  obeys the associativity of multiplication of complex numbers. In another words,

$$z_1 * (z_2 * z_3) = (z_1 * z_2) * z_3,$$

because  $\mathbb{C}$  is a field and every three complex numbers obeys the associativity of multiplication of complex numbers.