You may have thought that multiplying a complex number by itself would result in a real number, but that only works if it is a purely imaginary number (real part equal to 0). Using FOIL shows that this is not the number 45.

$$(6-3i)(6-3i) = (6)(6)-(6)(3i)-(3i)(6)+(3i)(3i) =$$

$$36-18i-18i+9i^{2}$$

$$= 36-36i+9(-1) = 27-36i$$