Adding, Subtracting, Multiplying Complex Numbers - Step-by-Step Lesson
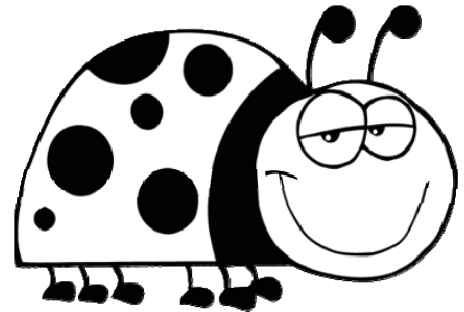
$(3 + 12i^2) + (15 + 6i^2)$

Explanation:

$(3 + 12i^2) + (15 + 6i^2)$ Combine the like terms and simplify.

$= 18 + 18i^2$ Group the real part of the complex number and the

imaginary part of the complex number.

$i^2 = \sqrt{-1} \; X \; \sqrt{-1} \; = -1$

$= 18 + 18 \; x \; -1$

$= 18 - 18$

$= 0$