

Adding and Subtracting Complex Numbers

To add or subtract complex numbers, combine the real parts together and combine the imaginary parts together.

$$(5 + 7i) + (6 - 2i) = 11 + 5i$$

$$(5 + 7i) - (6 - 2i) = 5 + 7i - 6 + 2i = -1 + 9i$$

TRY:

$$(3 + 4i) + (5 - 6i)$$

$$(7 - 6i) - (4 - 2i)$$