

N.CN.2 Operations with Complex Numbers

Use your previous knowledge to help you to determine the answers for the new material. SIMPLIFY.

Previous

$$6x - 4 - 9x + 11$$

$$(-3 + 8x) + (1 - 2x)$$

$$(3x - 4) - (2 + 10x)$$

$$7 - 9x + 3(-4x - 9) - 10x$$

$$(7x - 5)(3x + 8)$$

$$(-x - 3)(2x - 9)$$

New

$$8i + 7 + 12i - 5$$

$$(2 - 8i) + (3 + 5i)$$

$$(-6 + i) - (-13 + 4i)$$

$$-3 + 6i - 2(-5 - 3i) - 8i$$

$$(-2 - 3i)(6 + 7i)$$

$$(5 - 2i)(5 - 2i)$$