

Exercise 19

For the following exercises, perform the indicated operation and express the result as a simplified complex number.

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

Solution

Add the real parts and imaginary parts separately.

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

$$-5 + 3i - 6 + i$$

$$-11 + 4i$$