

Pre-Calculus

Perform the indicated operations on complex numbers.

1.  $(-3 + 2i) - (-5 - i)$

2.  $(1 + 3i) - (4 - 2i)$

3.  $(-5 + 2i) - (-4 - 3i)$

4.  $(-3 + 4i) - 2(3 + i)$

5.  $(4 + 4i) - 5(-1 + i)$

6.  $(-4 - i) - 4(-1 - 4i)$

7.  $(-4 + 3i)(-4 - 3i)$

8.  $(2 + 6i)(-6 + 7i)$

9.  $(-6 - 3i)(-4 + i)$

10.  $(4 - 5i)(-7 - 7i)$

11.  $(-4 + 7i)(4 + 7i)$

12.  $(8 - 4i)(5 + 7i)$