

Operations With Complex Numbers – Day 2
Unit 2C: Quadratic Functions – Working With Equations

Perform the indicated operation on the Complex Numbers:

1. $(-2 + 3i) + (-1 - 4i)$	2. $(8 - 6i) + (4 - 3i)$
3. $(3 + i) + (6 - 2i)$	4. $(10 - 3i) + (-3 - 7i)$
5. $(-2 + 7i) - (6 - 3i)$	6. $(5 + i) - (18 - 5i)$
7. $(1 + 2i) - (1 + 5i)$	8. $\left(\frac{3}{8} + \frac{2}{3}i\right) - \left(\frac{1}{4} - \frac{1}{3}i\right)$

Perform the indicated operation on the Complex Numbers:

9. $i(2 + 9i)$	10. $(-5 + 3i)(2 - 3i)$
11. $(2 + 7i)(2 + 7i)$	12. $(2 - 4i)(2 - 4i)$
13. $\frac{3+5i}{-3-4i}$	14. $\frac{-2+i}{5-6i}$
15. $\frac{3i}{-2-3i}$	16. $\frac{-5+8i}{7i}$