

Operations With Complex Numbers – Day 3
Unit 2C: Quadratic Functions – Working With Equations

Perform the indicated operation on the Complex Numbers:

1. $(2 + 4i) + (4 - i)$	2. $(-3 - 5i) + (4 - 2i)$
3. $(7 + 9i) + (-5i)$	4. $\left(-\frac{1}{5} + \frac{2}{3}i\right) + \left(\frac{6}{5} - \frac{7}{8}i\right)$
5. $6 - (8 + 3i)$	6. $(12 + 5i) - (2 - i)$
7. $(-6 - 7i) - (1 + 3i)$	8. $\left(-\frac{1}{8} + \frac{4}{3}i\right) - \left(-\frac{3}{7} + \frac{2}{3}i\right)$

Perform the indicated operation on the Complex Numbers:

9. $(-1 + 2i)(-2 - 10i)$	10. $(3 + 7i)(15 + i)$
11. $(-2 + 13i)(6 + 5i)$	12. $(-1 - i)(-9 + 8i)$
13. $\frac{-2+11i}{9-4i}$	14. $\frac{11-5i}{-3+2i}$
15. $\frac{4-15i}{7+12i}$	16. $\frac{9-6i}{-20i}$