

Simplify each of the following.

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

2. $(7 - 4i) - (2 + 4i)$

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

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

5. $(2.8 + 1.2i) - [(4 + 2i) + (3.5 - 6.5i)]$

6. $(0.6 + 0.8i)(1.8 - 2.25i)$

7. $\left(-4\frac{2}{3} - 2\frac{1}{2}i\right) + \left(7\frac{1}{4} + 3\frac{1}{3}i\right)$

8. $\left(-\frac{1}{9} + 2\frac{1}{4}i\right) \div \left(3\frac{1}{2} - 2\frac{1}{3}i\right)$