

Complex Numbers - Add / Subtract

Simplify.

1) $(-22 - 15i) - (-\sqrt{49} + 6i)$

2) $\left(\frac{18 - 13i}{6}\right) + (2i - 1) - \frac{7i}{3}$

3) $(-40i + 14) - (-23 + 30i)$

5) $\left(\frac{5 - \sqrt{-9}}{5}\right) - \left(\frac{3}{54} + 41i\right)$

7) $(17i + 33) + (\sqrt{-19} - 20i)$

9) $(\sqrt{3}i + 9) + (\sqrt{-27} - 10) - 2$

10) $\left(\frac{-58 - 21i}{7}\right) + \left(\frac{8i - \sqrt{16}}{4}\right) + \frac{2}{7}$

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Complex Numbers - Add / Subtract

Simplify.

1) $(-22 - 15i) - (-\sqrt{49} + 6i)$

$-15 - 21i$

2) $\left(\frac{18 - 13i}{6}\right) + (2i - 1) - \frac{7i}{3}$

$2 - \frac{5}{2}i$

3) $(-40i + 14) - (-23 + 30i)$

$14 + 15i$

5) $\left(\frac{5 - \sqrt{-9}}{5}\right) - \left(\frac{3}{54} + 41i\right)$

$-\frac{1}{2} + \frac{7}{5}i$

7) $(17i + 33) + (\sqrt{-19} - 20i)$

$20i$

$-26 + 31i$

9) $(\sqrt{3}i + 9) + (\sqrt{-27} - 10) - 2$

$-3 + 4\sqrt{3}i$

10) $\left(\frac{-58 - 21i}{7}\right) + \left(\frac{8i - \sqrt{16}}{4}\right) + \frac{2}{7}$

$-9 - i$

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