

Complex Numbers - Add / Subtract

Simplify.

1) $(\sqrt{-81} + 19) - (-20i + 31)$

2) $(42 + 15i) + (i - 30) - 26i$

3) $\left(\frac{4 - 9i}{4}\right) - \frac{i}{3} +$

$\sqrt{49} + 6i)$

5) $(-6 - 23i) + (21$

PREVIEW

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$(\sqrt{-125} - 7)$

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7) $(32 - 17i) + \sqrt{-6}$

$\frac{-6 + i}{2}$

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9) $(8i + 31) - (12i - 16) + (\sqrt{-25} - 34)$

10) $(-35 + 18i) - (1 + 27i)$

Complex Numbers - Add / Subtract

Simplify.

1) $(\sqrt{-81} + 19) - (-20i + 31)$

$-12 + 29i$

2) $(42 + 15i) + (i - 30) - 26i$

$12 - 10i$

3) $\left(\frac{4 - 9i}{4}\right) - \frac{i}{3} +$

$2 - \frac{5}{4}i$

$-\sqrt{49} + 6i)$

5) $(-6 - 23i) + (21$

$-25 - 2i$

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$(\sqrt{-125} - 7)$

7) $(32 - 17i) + \sqrt{-6$

$\frac{-6 + i}{2})$

$32 - 9i$

$-\frac{2}{5} + \frac{1}{10}i$

9) $(8i + 31) - (12i - 16) + (\sqrt{-25} - 34)$

$13 + i$

10) $(-35 + 18i) - (1 + 27i)$

$-36 - 9i$