

Complex Numbers - Add / Subtract

Simplify.

1) $\left(\frac{3 - \sqrt{-16}}{2}\right) + \left(\frac{2 - 8i}{4}\right)$

2) $(-6i + 23) - 30$

3) $(-5i - 20) - (1 + 16 + i) - (\sqrt{49} + 2i)$

5) $(19i + 18) - (-1 + \frac{\sqrt{-4}}{5})$

7) $(-9 - \sqrt{-32}) - (2 + 11 + 13i)$

9) $\left(\frac{-1 - 5i}{5}\right) + (-1 - 6i)$

10) $(15 + 8i) - (-i - \sqrt{100})$

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Complex Numbers - Add / Subtract

Simplify.

1) $\left(\frac{3 - \sqrt{-16}}{2}\right) + \left(\frac{2 - 8i}{4}\right)$

$2 - 4i$

2) $(-6i + 23) - 30$

$-7 - 6i$

3) $(-5i - 20) - (1 + 16 + i) - (\sqrt{49} + 2i)$

$-21 - 12i$

5) $(19i + 18) - (-1 + \frac{\sqrt{-4}}{5})$

$28 - 5i$

7) $(-9 - \sqrt{-32}) - (2 + 11 + 13i)$

$-11 - 6\sqrt{2}i$

15

9) $\left(\frac{-1 - 5i}{5}\right) + (-1 - 6i)$

$-\frac{6}{5} - 7i$

10) $(15 + 8i) - (-i - \sqrt{100})$

$25 + 9i$

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