

Rationalize the denominators

Rationalize the denominator and then simplify.

1) $\frac{13 + 12i}{i}$

2) $\frac{\sqrt{16} + \sqrt{-25}}{2 + 6i}$

3) $\frac{14 + 4\sqrt{-4}}{6 + 3i}$

4) $\frac{-7 - 9i}{6i}$

$\frac{15i}{1 - 7i}$

7) $\frac{-13 + 8i}{4 + 2i}$

$\frac{8 - \sqrt{-49}}{5 + 3i}$

10) $\frac{-29}{11i}$

11) $\frac{-14 + 2i}{-6 + 5i}$

12) $\frac{10 - i}{9 - 4i}$

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