

Rationalize the denominators

Rationalize the denominator and then simplify.

1) $\frac{10 - \sqrt{-9}}{4 + 2i}$

2) $\frac{-18 + 2i}{5 - 4i}$

3) $\frac{35}{12i}$

4) $\frac{2 - 8i}{7 - 3i}$

$\frac{-7 - 5i}{2 + \sqrt{-64}}$

7) $\frac{13}{6 + i}$

$\frac{15 + 3i}{-2 - 4i}$

PREVIEW

Gain complete access to the largest collection of worksheets in all subjects!

Members, please log in to download this worksheet.

Not a member? Please sign up to gain complete access.

www.mathworksheets4kids.com

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

11) $\frac{12 + 5i}{1 - i}$

12) $\frac{-\sqrt{25} + \sqrt{-9}}{3 + 3i}$