

Name : \_\_\_\_\_

## Multiplying Complex Numbers

Sheet 3

Simplify.

1)  $(-5)(-2 - i)(i)$

2)  $(9 + \sqrt{-9})(-6 - 6i)$

3)  $\left(\frac{1}{2}\right)(1 + \sqrt{-10})$

5)  $(2 + i)(-4i - 3)$

7)  $(6 - 4i)(11 + 2)$

9)  $(-5 + 3i)(7 - 7i)$

10)  $(6i)(-9 - 8i)(-2)$

**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](http://www.mathworksheets4kids.com)

**Multiplying Complex Numbers**

Simplify.

1)  $(-5)(-2 - i)(i)$

**$-5 + 10i$**

2)  $(9 + \sqrt{-9})(-6 - 6i)$

**$-36 - 72i$**

3)  $\left(\frac{1}{2}\right)(1 + \sqrt{-10})$

**$\frac{1}{2} + \frac{\sqrt{10}}{2}i$**

5)  $(2 + i)(-4i - 3)$

**$-76 - 43i$**

7)  $(6 - 4i)(11 + 2i)$

**$74 - 32i$**

**$-7 + \frac{7}{5}i$**

9)  $(-5 + 3i)(7 - 7i)$

**$-14 + 56i$**

10)  $(6i)(-9 - 8i)(-2)$

**$-96 + 108i$**

**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](http://www.mathworksheets4kids.com)