

Name : _____

Multiplying Complex Numbers

Sheet 1

Simplify.

1) $(2 + \sqrt{-4})(3 + 5i)(-4 - i)$

2) $(4i)(\sqrt{5} + 2i)$

3) $(-2i)(-13 + 3i)$

(-3)

5) $\left(\frac{-1 + i}{3}\right)(-6i -$

$)$

7) $(-3i)(i)(11i)$

9) $(-9 - 12i)(2\sqrt{2})$

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

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