

Name:

Show all your work in order to receive maximum credit. No work, no credit.

1. Simplify each expression. Your result must be of the form $A + Bi$. [4 points each]

$$(1 - 8i) - (-3 + i)$$

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

$$\frac{9}{2i}$$

$$\frac{-1 + 3i}{2 - i}$$