

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]

$$(1 - 6i) - (-4 + 5i)$$

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

$$\frac{4}{5i}$$

$$\frac{-1 + 3i}{6 - i}$$