

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]

$$(1 - 3i) - (-7 + 6i)$$

$$(8 - 2i)(-1 + i)$$

$$\frac{5}{3i}$$

$$\frac{-1 + 2i}{5 - i}$$

i³⁷