

Math 1010 September 11, 2006 Quiz 1

Simplify the following to the form $a + bi$

1) $\sqrt{-81}$

2) $(3 + 5i) + (6 - i)$

3) $(1 + 2i)(3 - 7i)$

Simplify the following to the form $a + bi$

9) $\frac{1}{6+5i}$