

Math 0030 February 28, 2007 Homework 16

text problems: 9.3 # 5-51 alt. odds

Perform any operations then simplify

1. $\sqrt{-12}$

2. $\sqrt{-18} + \sqrt{36}$

3. $(3 - 5i) - (6 - 7i)$

4. $(2i)(-6i)$

5. $3i(4 + 10i)$

6. $(2 + 9i)(5 - 3i)$

7. $\frac{1}{2+6i}$

8. $\frac{1+2i}{3-7i}$