

Intermediate Algebra

7-3

Complex Numbers

Definition of the Imaginary Number -

Definition of a Complex Number -

Simplify.

*1) $\sqrt{-81}$

*2) $\sqrt{50} - \sqrt{-63}$

*3) $(3 + 5i) - (2 - 7i)$

*4) $(3i)(12i)$

*5) $\sqrt{-5} \cdot \sqrt{-10}$

*6) $(3 + 4i)(2 + 6i)$

*7) $-\frac{2}{i}$

*8) $\frac{5}{3 + 4i}$

Assignment: pg 399 1-55 odd.
