

Algebra II

6-7

The Imaginary Number

Definition of the Imaginary Number -

Simplify.

1) $\sqrt{-81}$

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

23) $-\frac{2}{i}$

Solve.

31) $x^2 + 144$

Simplify.

37a) $\sqrt{-25} + \sqrt{-36}$

37b) $\sqrt{-25} \cdot \sqrt{-36}$

Simplify. Assume each variable represents a real number.

43) $\sqrt{-12a} \cdot \sqrt{-3a}$

Assignment: Pg 290 2-54 even
