**Core Pure 1**

**Complex Numbers**

Chapter Overview

**1**: Understand and manipulate () complex numbers.

**2**: Find complex solutions to quadratic equations.

3: Find complex solutions to cubic and quartic equations.





Complex Number Basics

Examples: Write the following in terms of

Simplify:

=

Solving Quadratic Equations

Examples

1. Solve
2. Solve

Exercise 1A/B Page 3 – 5