



<b>Task Number</b>	1	<b>Task Name</b>	Open Book Test
<b>Course</b>	Extension Mathematics	<b>Faculty</b>	Mathematics
<b>Teacher</b>	Broadley	<b>Head Teacher</b>	Kelso Scarrabelotti
<b>Issue date</b>	8/2/2019	<b>Due date</b>	6/3/2019 (week 6)
<b>Focus (Topic)</b>	Polynomials, Inequalities	<b>Task Weighting</b>	30%

### **Outcomes**

- ME11-1** uses algebraic and graphical concepts in the modelling and solving of problems involving functions and their inverses
- ME11-2** manipulates algebraic expressions and graphical functions to solve problems
- ME11-3** applies concepts and techniques of inverse trigonometric functions and simplifying expressions involving compound angles in the solution of problems
- ME11-7** communicates making comprehensive use of mathematical language, notation, diagrams and graphs

### **Task description**

A test on all work covered so far this semester will take place on 6/3/2019. The test is "open book" so any written notes or printed material may be used in the test by students. Students are not allowed to access technology other than calculators and students may not share any resources during the test. Test content comes from chapter 6 Polynomials and chapter 2 Equations and Inequalities.

### **Marking Guidelines**

The test will be for the duration of one lesson. Questions will have varying mark value. The marking rubric and solutions will be provided to students after the test.