

YEAR 11 MATHEMATICS

ASSESSMENT TASK

TERM 3, WEEK 5, 2009

Date: Friday 28th August
Time Allowed: 1 period

Marks: 100
Weighting: 10%

Outcomes Addressed

- Understands and graphs simple functions

Real Functions

- Match algebraic names of functions with their sketch.
- State the domain of functions.
- State the range of functions.
- Evaluate and sketch piecemeal functions.
- Determine if a function is even or odd.
- Sketch functions of an inequality on a number plane.
- Substitute into function notation.

Instructions

- Attempt all questions
- Show all necessary working
- Write in blue pen, black pen or dark pencil
- Approved calculators may be used

NOTE:

- Students who do not achieve the outcome (less than 39%) in this assessment task will receive an ‘Official Warning’ – non completion of the HSC course.
- Students will be required to re-sit the task within 7 days.
- Students will be given 2 further opportunities to achieve the required outcome.
- Failure to achieve the outcome may result in the student receiving an ‘N’ determination.