Placement test for Mathematics SL / HL

Based on Mathematical Studies syllabus. **Graphical Display Calculator required**. No additional formula sheets allowed.

The following topics / concepts will be tested during the placement test.

1. Effective use of the GDC.
2. Equation of a line. Properties of straight lines.
3. Use of the discriminant of the quadratic function.
4. Understanding of the box-and-whisker diagram.
5. Use different forms of quadratic function.
6. Trigonometry. Angles can be measured in radians and in degrees.
7. Area of a sector and segment. Length of an arc.
8. The binomial theorem.
9. Arithmetic and geometric sequences and series.