Assessment Task

Mathematics Methods 1 | Unit 1

Investigation 1 – Graphs and transformations

**Assessment type:** Investigation

This investigation further develops students’ skills and understandings in functions, their graphs, translations and reflections.

Notes for teachers

* Students should have completed the topics covering linear and quadratic relationships before the in-class validation.
* Students are not expected to have covered function notation or domain and range.
* Preparation activities could be completed during class time or at home.
* The preparation activities provide valuable opportunities for students to develop familiarity with their graphing calculators.
* During the preparation activities, students should develop notions of transformations, translations and reflections.
* All marks for this assessment come from Part B (in-class validation).