

# Developing Grade 9 Mathematics Achievement Test

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## Abstract

Test plays an important role in today's schools and other aspects of life. Tests are crucial not only in teaching but also in evaluation. When tests are used at the right time in the right proportions they will have a valuable contribution into assessing learner's proficiency, progress and achievement. The main purpose of this study is to develop the mathematics achievement test for Grade 9 students. For this study, a sample of 200 students were selected from No.2, Basic Education High School, Mingalardon Township and No. 2, Basic Education High School from Shwepyithar Township. The content area was assigned from the eight chapters (chapter 1 to 8) of Grade 9 Mathematics Text Book. The test were developed with thirty items which were analyzed by item analysis technique. The item difficulty and discrimination index of each item were interpreted. The result showed that 30% of good items, 47% of fair items and 23% of poor items were found in the developed test.

**Key Words:** Item Analysis, Item Difficulty, Item Discrimination, Achievement test

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