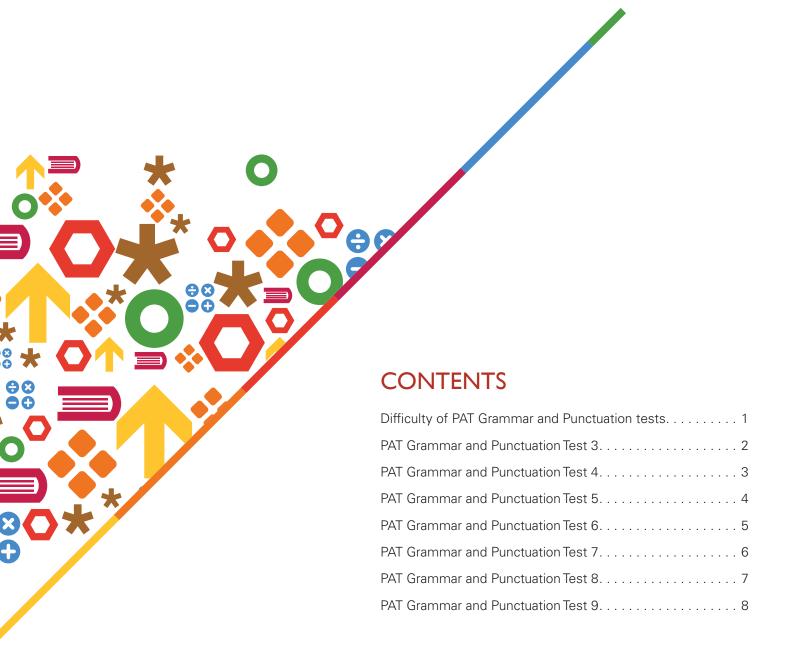


Test and item difficulty





Difficulty of the PAT Grammar and Punctuation tests

Using Rasch measurement, the PAT Grammar and Punctuation measurement scale was constructed, on which student achievement and item difficulty can be displayed. It is possible to report the mean difficulty of the items in each of the PAT Grammar and Punctuation tests in scale score (patgp) units. These mean item difficulties – or test difficulties – are shown together with their standard deviations in the table below.

PAT Grammar and Punctuation	No. of items	Mean item difficulty (patgp)	Standard deviation (patgp)
Test 3	35	110.9	11.9
Test 4	35	118.0	11.9
Test 5	35	120.6	10.6
Test 6	35	121.8	11.5
Test 7	35	122.6	14.1
Test 8	35	130.3	12.1
Test 9	35	140.5	11.4

The locations of the PAT Grammar and Punctuation items on the measurement scale are shown on the following pages. Items have been placed in shaded blocks according to the strand to which they belong. Each block illustrates the span of difficulty for a strand. The item numbers written in the block identify the items belonging to the strand.

