How to Interpret Cat5 Reports

The Student Test Record

The Student Test Record provided for the Cat5 Assessment is an individual student report that presents number-correct scores by subtest and by smaller reporting categories in order to identify strengths and needs of individual students. *A sample report is provided below.*

The student information and test date are provided in the left column of the report. In the sample report, "***Grade 7.1***" indicates that the student wrote the subtests after completing 1 month of grade 7 (e.g., the student wrote the subtests in October of grade 7). In this example, the student would have written subtests that cover the previous year's curriculum (e.g., grade 6), since the student is writing the subtest in the fall, before they have been taught most of the grade 7 curriculum. So, fall assessments are an indication of how much of the previous year's curriculum the student has learned and retained.

The top part of the report provides the student's *number-correct scores* on each subtest. It also shows *the total number of questions* and the *number of questions the student answered* in each subtest. You will want to consider the number of questions the student answered when interpreting the student's number-correct score. For example, if the student answered only half of the questions, it would be more important to understand why so many questions were left unanswered. *The student's number-correct score, in this case, may or may not be a valid measure of the student's school achievement*.

The number of questions answered correctly by a student depends on both the *student's achievement level* and *difficulty of the questions* in the subtest. For this reason, it is difficult to make absolute interpretations of number-correct scores. It is best to make relative interpretations by noting students who scored the lowest/highest on a subtest compared to other students in the classroom. When doing this, it is important to note that *two different forms* (In this sample report, **Form 5** and **Form 6** is shown) were administered during the Cat5 assessment. Each student was randomly assigned one of these two forms. The two forms have the same balance of content but with different questions, and one of the forms may be slightly more difficult than the other. For this reason, you should compare the scores only of students who wrote the same form, e.g. Form 5.

The bottom part of the report provides number-correct scores for smaller reporting categories within a subtest. For example, scores are reported by math strand and by process skill for the Mathematics subtest. These scores provide details that can help identify student strengths and needs. Again, a student's number-correct score for a strand depends on both the student's achievement in that strand and the difficulty of the questions for that strand. *For this reason, you should not compare number-correct scores across different strands/process skills*. In order to make relative decisions about student strengths and needs, you can identify the students who scored the lowest/highest on a strand or process skill compared to other students in the classroom.

Cat5

Student Test Record

Student: Matthew Logan
Teacher: Muriel Stacy
Grade: 7.1
Test Date: 2021/10/10
School: SPRINGFIELD SCHOOL
District: SPRINGFIELD VALLEY SD

Simulated Data

Subtest Scores

Number Questions	Number Answered	Number Correct	
48	46	35	Level 16 Reading, Form 5
40	39	30	Level 16 Vocabulary, Form 6
40	34	29	Level 16 Writing Conventions, Form 6
30	29	25	Level 16 Spelling, Form 5
60	57	40	Level 16 Mathematics, Form 5
36	35	30	Level 16 Computation and Estimation, Form 6

E - exempted IN - invalidated

Strengths and Needs

Language

	# Correct/ Total
Level 16 Reading, Form 5	
Literary Text	**12/16**
Informational Text	**13/16**
Graphic Text	**10/16**
Explicit	**10/12**
Implicit	**9/12**
Critical Analysis	**8/12**
Form and Style	**8/12**
Level 16 Vocabulary, Form 6	
General	**20/28**
Specialized	**10/12**

Language

	# Correct/ Total
Level 16 Writing Conventions, Form 6	
Sentence and Paragraph Structure	**19/28**
Capitalization and Punctuation	**10/12**
Level 16 Spelling, Form 5	
Spelling	**25/30**

Math

	# Correct/ Total
Level 16 Mathematics, Form 5	
Number	**12/15**
Patterns and Relations	**11/15**
Statistics and Probability	**10/15**
Shape and Space	**7/15**
Knowledge	**16/19**
Thinking	**16/26**
Application	**8/15**
Level 16 Computation and Estimation, Form 6	
Mental Math and Estimation	**8/12**
Computation with Context	**11/12**
Computation without Context	**11/12**