

Estimator Formula Intermediate Values

Consultation Date: 05/11/2009

Student Name: Al Bradski

School: Sparks Elementary

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1A. IQ test standard score: 100

1B. Achievement test standard score: 70

1C. IQ test standard score mean: 100

1D. IQ test standard score standard deviation: 15

1E. Achievement test standard score mean: 100

1F. Achievement test standard score standard deviation: 15

1G. Reliability estimate for the IQ test score at the student's age: 0.97

1H. Reliability estimate for the achievement score at the student's age: 0.96

1I. IQ to achievement test correlation at the student's age: 0.50

1J. IQ test z score equivalent: 0.000 (SS = 100)

1K. Achievement test z score equivalent: -2.000 (SS = 70)

2. Test-to-test correlation corrected for the unreliability of the tests: 0.5181

3. Standard error of prediction corrected for unreliability of the tests: 0.8553

4. Predicted achievement score: 100 (z score = 0.000)

5. Cutting score for the 93% confidence level: 81 (z score = -1.262)

6. Confidence that the obtained achievement test score represents a severe discrepancy: 99%

7. The criterion confidence level of at least 93% has been met, indicating a severe discrepancy.