### Appendix A

**Cognitive Ability Constructs and Measures**

*Note:* alphabetically ordered; compound traits at the end of the table; components of compounds are separated by ‘&’; *italicized measures* are reversed (i.e., high scores appear to indicate lower cognitive ability). Some tests here may appear to be misclassified (e.g., American College Test (ACT)---Natural Science as a measure of g), but wherever possible we aimed to classify tests based on what they actually measured, not just based on their name or what they were advertised to measure.

#### Acquired Knowledge

- 8th Annual, 9th First Terminal, and 9th Annual tests of each school subject---Academic Achievement
- Armed Services Vocational Aptitude Battery (ASVAB)---Combat
- Armed Services Vocational Aptitude Battery (ASVAB)---composite (General Science, Paragraph Comprehension, and Word Knowledge)
- Armed Services Vocational Aptitude Battery (ASVAB)---Operators and Food
- Armed Services Vocational Aptitude Battery (ASVAB)---Skilled Technical
- Armed Services Vocational Aptitude Battery (ASVAB)---Surveillance and Communication
- Armed Services Vocational Aptitude Battery (ASVAB)---Verbal composite (General Science, Paragraph Comprehension, and Word Knowledge)
- Brief Cognitive Measure (BCM; Morisano, 2008)---composite (Quantitative (Algebra, Geometry, and Trigonometry) and Verbal (Critical Reading))
- Comprehensive Test of Basic Skills (no citation given by Chang, 1975)---Total
- Cooperative (Coop) General Culture Test / Cooperative (Coop) General Culture Test Revised (Blair, Bradford, Bryan, Burke, & Danzer, 1947)---composite (Fine Arts, Literature, Mathematics, Science, and Social Studies)
- Education Longitudinal Study (Ingels, Pratt, Wilson, Burns, Curriivan, Rogers, & Hubbard-Bednasz, 2007)---composite (Math and Reading Item Response Theory Estimated Number Correct)
- Florida Aptitude Test (no citation given by Ross & Fletcher, 1974)---General Academic Aptitude
- General Educational Development (GED)---Pretest Total composite (Mathematics, Reading, Science, Social Science, and Writing)
- Hong Kong Certificate of Education Examination (HKCEE)---composite (Chinese Language and Chinese History)
- Intelligence Structure Test---Crystallized Intelligence composite (Culture Knowledge (Figural), Culture Knowledge (Numerical)}
Culture Knowledge (Verbal), Geography/History Knowledge (Figural), Geography/History Knowledge (Numerical), Geography/History Knowledge (Verbal), Mathematics Knowledge (Figural), Mathematics Knowledge (Numerical), Mathematics Knowledge (Verbal), Science Knowledge (Figural), Science Knowledge (Numerical), and Science Knowledge (Verbal))


Acquired Knowledge--Domain Specific Knowledge

Assessment and Learning in Knowledge Spaces (ALEKS)---Total Preliminary Scholastic Aptitude Test (PSAT)/Scholastic Aptitude Test (SAT)---Social Science Project TALENT Battery---Miscellaneous Information Project TALENT Battery---Technical Aptitude composite (Aeronautics and Space Information, Biological Science Information, Electricity and Electronics Information, Mechanical Information, Mechanical Reasoning, and Physical Science Information)

Acquired Knowledge--Domain Specific Knowledge (Unspecified Specific Construct/Miscellaneous Version of this Higher Order Construct)

Project TALENT Battery---Architecture Information Project TALENT Battery---Journalism Information Project TALENT Battery---Military Information Royal Military Academy Sandhurst Measure (Allender & Greig, 2000)---Defense and International Affairs Royal Military Academy Sandhurst Measure (Allender & Greig, 2000)---Overall Military Scores composite (Military Knowledge, Military Technical, Range Management Qualification, and Signals)

Acquired Knowledge--Domain Specific Knowledge---Arts and Humanities----

Artistic Knowledge

Project TALENT Battery---Art Information Project TALENT Battery---Colors Information Project TALENT Battery---Music Information Project TALENT Battery---Theater and Ballet Information

Acquired Knowledge--Domain Specific Knowledge---Arts and Humanities----

Culinary Knowledge

Project TALENT Battery---Foods Information

Acquired Knowledge--Domain Specific Knowledge---Arts and Humanities----

Literature Knowledge

Iowa High School Content Examination (Stuit, Greene, & Ruch, 1942)---English Literature National College Entrance Examination [China]---Chinese Literature Project TALENT Battery---Literature Information

Acquired Knowledge--Domain Specific Knowledge---Arts and Humanities----

Culinary Knowledge

ACER Alternative Achievement Test (Reynolds & Reynolds, 1965)---Total Western Regional Science Fair Exam (Reynolds & Reynolds, 1965)---Total Test of Cognitive Complexity (Bieri, Atkins, Briar, Leaman, Miller, & Tripodi, 1966)---Total Whiteman Test of Social Perception (Whiteman, 1954)---Social Perception

Acquired Knowledge--Domain Specific Knowledge---Arts and Humanities----

Literature Knowledge


Acquired Knowledge--Domain Specific Knowledge---Arts and Humanities----

Literature Knowledge

Project TALENT Battery---Accounting, Business, Sales Information
Acquired Knowledge--Domain Specific Knowledge---Conventional Knowledge

Project TALENT Battery---Bible Information
Project TALENT Battery---Clerical Information
Project TALENT Battery---Etiquette Information
Project TALENT Battery---Home Economics Information

Acquired Knowledge--Domain Specific Knowledge---Foreign Language Proficiency

American Council on Education Psychological Examination---Artificial Language
American Council on the Teaching of Foreign Languages---Oral Proficiency
Citywide Standardized Achievement Test (no citation given by Bong, 2002)---English
Defense Language Proficiency Test (Defense Language Institute)---Total composite (Listening and Reading)
Hong Kong Certificate of Education Examination (HKCEE)---English Language
Inter-University Psychometric Entrance Test (no citation given by Zeidner, 1990 or 1991)---English Proficiency
Singapore Primary and Secondary School Leaving Examinations (no citation given by Chan & Dragsow, 2001; Goh, 1994; or Ng, Ang, & Chan, 2008)---English Language
Test of English as a Foreign Language Internet Based Test (TOEFL)---Form B composite (Listening, Reading, Speaking, and Writing)
Test of English as a Foreign Language (TOEFL)---Listening
Test of English as a Foreign Language (TOEFL)---Non-Speaking composite (Listening, Reading, and Writing)
Test of English as a Foreign Language (TOEFL)---Reading
Test of English for International Communication (TOEIC; Woodford, 1982)---Total composite (Listening Comprehension and Reading Comprehension)
Test of English as a Foreign Language (TOEFL)---Writing

Acquired Knowledge--Domain Specific Knowledge---Investigative Knowledge

Police Training Academy Exam (Baehr, Furcon, & Froemel, 1968)---Criminal Investigation
Project TALENT Battery---Games (Sedentary) Information

Acquired Knowledge--Domain Specific Knowledge---Occupational

Air Traffic Scenarios Test (Nickels, Bobko, Blair, Sands, & Tartak, 1995)---Procedures Score

Acquired Knowledge--Domain Specific Knowledge---Occupational----Military

Royal Australian Air Force Groundstaff Test Battery (GTB)---Technical Ability
Royal Military Academy Sandhurst Measure (Allender & Greig, 2000)---Military Knowledge

Acquired Knowledge--Domain Specific Knowledge---Occupational----Police

Police Training Academy Exam (Baehr, Furcon, & Froemel, 1968)---Patrol/Traffic
Police Training Academy Exam (Baehr, Furcon, & Froemel, 1968)---Written Exam composite (Criminal Investigation, Interpersonal Skills, Law, and Patrol/Traffic)
Skill Development exam (no citation given by Detrick, Chibnall, & Luebbert, 2004)---composite (Defensive Tactics, Driver Training, and Firearms)

Acquired Knowledge--Domain Specific Knowledge---Realistic Knowledge

Project TALENT Battery---Farming Information
Project TALENT Battery---Sports Information
Royal Military Academy Sandhurst Measure (Allender & Greig, 2000)---Range Management Qualification
Royal Military Academy Sandhurst Measure (Allender & Greig, 2000)---Technical

Acquired Knowledge--Domain Specific Knowledge---Realistic Knowledge (Applied)

Project TALENT Battery---Fishing Information
Project TALENT Battery---Hunting Information
Project TALENT Battery---Other Outdoor Activities Information

Acquired Knowledge--Domain Specific Knowledge---Sciences----General Science Knowledge

Air Force Officer Qualifying Test---General Science
Armed Services Vocational Aptitude Battery (ASVAB)---General Science
Acquired Knowledge--Domain Specific Knowledge---Sciences----Life Sciences Knowledge

National College Entrance Examination [China]---Biology
Optometry Admission Test (Optometry Admission Testing Program, 1999)---Biology
Project TALENT Battery---Biological Science Information

Acquired Knowledge--Domain Specific Knowledge---Sciences----Life Sciences Knowledge (Applied)

English Longitudinal Study---Health Literacy Score
Health and Lifestyle Survey (HALS; Cox, 1988)---Recall of Which Foods Are High Fiber and Which Contain No Fiber
National Longitudinal Study of Adolescent to Adult Health Knowledge Quiz (Harris, 2009)---Sexual Knowledge
Project TALENT Battery---Health Information Short Test of Functional Health Literacy in Adults (STOFHLA)---Functional Health Literacy Level

Acquired Knowledge--Domain Specific Knowledge---Sciences----Mechanical Knowledge

Air Force Mechanical Aptitude Test (no citation given in Kerrick, 1955)---Total
Armed Services Vocational Aptitude Battery (ASVAB)---Mechanical Comprehension

Acquired Knowledge--Domain Specific Knowledge---Sciences----Natural Sciences Knowledge

National Merit Scholarship Qualifying Test---Natural Science
Optometry Admission Test (Optometry Admission Testing Program, 1999)---Survey Natural Sciences

Acquired Knowledge--Domain Specific Knowledge---Sciences----Physical Sciences Knowledge

College Board Achievement Tests---Chemistry
College Board Achievement Tests---Physics
German Educational Standards in Mathematics and Physics (Pant, Stanat, Schroeders, Roppelt, Siegle, & Pöhlmann, 2014)---Physics Knowledge
Optometry Admission Test (Optometry Admission Testing Program, 1999)---General Chemistry
Optometry Admission Test (Optometry Admission Testing Program, 1999)---Organic Chemistry
Optometry Admission Test (Optometry Admission Testing Program, 1999)---Physics
Project TALENT Battery---Physical Science Information
Purdue Physical Science Test (no citation given by Jacobson & Rettig, 1959)---Total

Acquired Knowledge--Domain Specific Knowledge---Sciences----Physical Sciences Knowledge (Applied)

Air Force Officer Qualifying Test---Aviation Information
Armed Services Vocational Aptitude Battery (ASVAB)---Auto
Armed Services Vocational Aptitude Battery (ASVAB)---Auto & Shop Information
Armed Services Vocational Aptitude Battery (ASVAB)---Electronics Information
Armed Services Vocational Aptitude Battery (ASVAB)---General Maintenance
Armed Services Vocational Aptitude Battery (ASVAB)---Shop
Armed Services Vocational Aptitude Battery (ASVAB)---Technical
Armed Services Vocational Aptitude Battery (ASVAB)---Technical composite (Auto & Shop Information, Electronics Information, and Mechanical Comprehension)
Multiple Aptitude Test (no citation given by Sassenrath, 1967)---Applied Science and Mechanics
Navy Basic Test Battery---Electrical Knowledge
Project TALENT Battery---Aeronautics and Space Information
Project TALENT Battery---Electricity and Electronics Information
Project TALENT Battery---Engineering Information
Royal Australian Air Force Groundstaff Test Battery (GTB)---Electrical Knowledge
Royal Military Academy Sandhurst Measure (Allender & Greig, 2000)---Signals

Acquired Knowledge--Domain Specific Knowledge---Social Studies Knowledge

Cooperative Social Studies II Test---Total
de Lanerolle's Measurement of the Knowledge of Democracy (de Lanerolle, 1941)---Knowledge of Democracy
Educational Testing Service (ETS)---Social Studies
High School and Beyond Test Battery (National Center for Education Statistics, 2006)---Civics Education
Intelligence Structure Test---Geography/History Knowledge (Figural)
Intelligence Structure Test---Geography/History Knowledge (Numerical)
Intelligence Structure Test---Geography/History Knowledge (Verbal)
Iowa High School Content Examination (Stuit, Greene, & Ruch, 1942)---Social Science
National Merit Scholarship Qualifying Test---Social Studies

Project TALENT Battery---Social Studies Information
Royal Military Academy Sandhurst Measure (Allender & Greig, 2000)---War Studies
Preliminary Scholastic Aptitude Test (PSAT)/Scholastic Aptitude Test (SAT)---Social Science

Acquired Knowledge--Quantitative Ability

American College Test (ACT)---Math
Aptitude Assessment Battery (Ackerman & Kanfer, 1993)---Math Ability
Computerized Assessment System (COMPAS; Drasgow, Keenan, Olson, Moberg, & Mead, 1991)---Quantitative
Cooperative Mathematics I Test---Total
Graduate Record Examination (GRE)---Quantitative Ability
Health Sciences Mathematics Entry Test (no citation given by Amichand, 1994)---Total
Iowa Test of Basic Skills---Arithmetic Problem Solving
Iowa Test of Basic Skills---Mathematic Ability composite (Arithmetic Concepts and Arithmetic Problem Solving)
Mathematical Aptitude Test (MAT; no citation given by Sarason & Mandler, 1952)---Total
Mathematical Aptitude Test (MAT; no citation given by Sarason, 1957)---Total
National Education Longitudinal Study (NELS 1988) (US Department of Education, 1988)---Mathematics IRT Theta
New South Wales Department of Education and Training Intelligence Test---Numerical Ability composite (Data, Measurement, Number, Numeracy Problem Solving, and Space)
Peabody Individual Achievement Test-Revised (Markwardt, 1989)---Math
Programme for International Student Assessment (PISA)---Total
Project TALENT Battery---High School Math (Math II + III)
Project TALENT Battery---Quantitative Aptitude composite (Math I, Math II, Math III, and Math Information)
Stanford Achievement Tests---Math Achievement
Stanford Achievement Tests---Quantitative
Acquired Knowledge--Quantitative Ability---Mathematics Achievement

APU Arithmetic Test (Closs & Hutchings, 1976)---Total
California Achievement Test---Mathematics Grade Equivalent
citywide Standardized Achievement Test (no citation given by Bong, 2002)---Math
Cognitive Abilities Test 4-13 [Kognitiver Fähigkeitsertest; KFT-Ergebnisse] (Heller, Schön-Gaedike, & Weinläder, 1976, 1985)---Quantitative
Education Longitudinal Study (Ingels, Pratt, Wilson, Burns, Curriuan, Rogers, & Hubbard-Bednasz, 2007)---Math Item Response Theory Estimated Number Correct
German Educational Standards in Mathematics and Physics (Pant, Stanat, Schroeders, Roppelt, Siegle, & Pöhlmann, 2014)---Mathematics Knowledge
High School and Beyond Test Battery (National Center for Education Statistics, 2006)---Math composite (Parts 1 and 2)
Hong Kong Certificate of Education Examination (HKCEE)---Mathematics
Indiana Statewide Testing for Educational Progress---Mathematics
Iowa High School Content Examination (Stuit, Greene, & Ruch, 1942)---Mathematics
Iowa Test of Basic Skills---Arithmetic Concepts
Mathematics (Martinussen & Torjussen, 1997)---Mathematical Knowledge and Skills
Medical College Admission Test (MCAT)---Quantitative
Missouri Mathematics Placement Test (MMPT; Krauskopf, Burcham, & Willis, 1967)---Advanced Computational and Algebraic Items
National College Entrance Examination [China]---Mathematics
National Institute for Educational Testing Secondary School Entry Test (Kuyper, Lubbers, & van der Werf, 2003)---Arithmetic
National Longitudinal Study of Mathematical Abilities (NLSMA; Dowling, 1978)---Mid Range Difficulty Items
National Merit Scholarship Qualifying Test---Mathematics
Probabilistic Reasoning Test (PRT; Marlin & Nilsson, 1999)---Total
Project TALENT Battery---composite (Math I and Math II)

Acquired Knowledge--Verbal Ability

Air Force Officer Qualifying Test---Math Knowledge
Aptitude Assessment Battery (Ackerman & Kanfer, 1993)---Math Knowledge
Armed Services Vocational Aptitude Battery (ASVAB)---Math Knowledge
Differential Aptitude Test---Numerical Reasoning
Intelligence Structure Test---Mathematics Knowledge (Figural)
Intelligence Structure Test---Mathematics Knowledge (Numerical)
Intelligence Structure Test---Mathematics Knowledge (Verbal)
Project TALENT Battery---Mathematics Information
Revised Examination M Test of Intelligence and Aptitude (Blair, 1959)---Arithmetic
Skill Acquisition Lab (SAL; no citation given by Ackerman, 1995)---Mathematics Knowledge
Staffordshire Test of Computation (Hebron & Pattinson, 1975)---Total
Test of Hamley (Lee, 1951)---Variable-Generalized Number
Test of Hamley (Lee, 1951)---Variable-Particular Number

Acquired Knowledge--Quantitative Ability---Mathematics Knowledge

Acquired Knowledge--Verbal Ability

11+ Moray House IQ Test---English Achievement composite (Reading Comprehension, Usage, and Vocabulary/Word Knowledge)
Acquired Knowledge--Verbal Ability---
Comprehension Knowledge

Comprehensive Ability Battery (CAB)---Verbal Ability
Estonian Cognitive Ability Scale (Pulver, 1999)---Verbal Abilities
Hamburg-Wechsler-Intelligenztest für Erwachsene---General Understanding [Allgemeines Verständnis]
Leistungsprüf system (LPS; Horn, 1962)---Subtest 1
Morrisby General Mental Ability Test---composite (Perception of Relationships between Verbal Concepts, Speed of Apprehension of Verbal Concepts, and Word Analysis)
Wechsler Intelligence Scale---composite (Information and Vocabulary)
Wechsler Intelligence Scale---Comprehension
Woodcock-Johnson---Comprehension-Knowledge

Acquired Knowledge--Verbal Ability---
Communication Ability

Project TALENT Battery---Effective Expression
Project TALENT Battery---English Total
Royal Military Academy Sandhurst Measure (Allender & Greig, 2000)---Communications Skills

Acquired Knowledge--Verbal Ability---
Comprehension Knowledge---General Verbal information

Army Alpha---General Information
Behavioural Assessment of the Dysexecutive Syndrome (BADS; Wilson, Evans, Emslie, Alderman, & Burgess, 1998)---Time Estimation Component Processes Task (Hannon & Daneman, 2001)---High-Knowledge Access
Component Processes Task (Hannon & Daneman, 2001)---Low-Knowledge Access
General Information Survey (Gough, 1954)---Total

Stanford Achievement Tests---Verbal

Woodcock-Johnson---Comprehension-Knowledge

New South Wales Department of Education Intelligence Test---Verbal Ability
National Merit Scholarship Qualifying Test---English
Nelson-Denny Reading Test---Total
National Institute for Educational Testing Secondary School Entry Test (Kuyper, Lubbers, & van der Werf, 2003)---Dutch Language

Intelligenz Struktur Analyse (ISA)---Verbal
Iowa Test of Basic Skills---Verbal
Leistungsprüfsystem (LPS; Horn, 1962)---Orthography [Rechtschreibung] composite (Subtest 1 and Subtest 2)

National Merit Scholarship Qualifying Test---English
Nelson-Denny Reading Test---Total
New South Wales Department of Education and Training Intelligence Test---Verbal Ability (Language Achievement, Reading Achievement, and Writing Achievement)

Preliminary Scholastic Aptitude Test (PSAT)/Scholastic Aptitude Test (SAT)---Verbal
Programme for International Student Assessment (PISA)---Reading Literacy

Purdue Placement Test in English (no citation given by Jacobson & Rettig, 1959)---Total

Army Alpha---General Information
Behavioural Assessment of the Dysexecutive Syndrome (BADS; Wilson, Evans, Emslie, Alderman, & Burgess, 1998)---Time Estimation Component Processes Task (Hannon & Daneman, 2001)---High-Knowledge Access
Component Processes Task (Hannon & Daneman, 2001)---Low-Knowledge Access
General Information Survey (Gough, 1954)---Total

Acquired Knowledge--Verbal Ability---
Comprehension Knowledge---General Verbal information
General Knowledge Test (Irving, Cammock, & Lynn, 2001) Short---Total / Total Score composite (Fashion, Finance, Games, General Science, Literature, and Medicine)
Halpern Critical Thinking Assessment using Everyday Situations (HCTAES; Halpern, 2007)---Multiple-choice questions
Halpern Critical Thinking Assessment using Everyday Situations (HCTAES; Halpern, 2007)---Open-ended questions
Halpern Critical Thinking Assessment using Everyday Situations (HCTAES; Halpern, 2007)---Total Score
Hamburg-Wechsler-Intelligenztest für Erwachsene---General Knowledge [Allgemeines Wissen]
Intelligence Structure Test---Culture Knowledge (Figural)
Intelligence Structure Test---Culture Knowledge (Numerical)
Intelligence Structure Test---Culture Knowledge (Verbal)
Inter-University Psychometric Entrance Test (no citation given by Zeidner, 1990 or 1991)---General Information
Kaufman Adolescent and Adult Intelligence Test (KAIT)---Famous Faces
Medical College Admission Test (MCAT)---General Information
Multidimensional Aptitude Battery (MAB)---Information
Naylor-Harwood Adult Intelligence Scale---Information
Project TALENT Battery---Information Part I Total
Project TALENT Battery---Information Part II Total
Project TALENT Battery---Information Total composite (Information I and Information II)
Project TALENT Battery---Practical Knowledge Information
Quickie Test Battery (Stankov, 1997)---General Information
Wechsler Intelligence Scale---Information

Acquired Knowledge--Verbal Ability---Comprehension Knowledge----Lexical Knowledge

Air Force Officer Qualifying Test---Word Knowledge
Air Force Word Knowledge Test (no citation given by Kerrick, 1955 or Taylor, Ghiselin, & Yagi, 1967)---Total
American Council on Education Psychological Examination---Opposites
Amsterdam Cognitive Ability Battery (Elshout, 1976)---Vocabulary
APIS (Matczak, Jaworowska, Suzstrowa, & Ciechanowicz, 1995)---Verbal Abilities composite (New Words and Synonyms)
Armed Services Vocational Aptitude Battery (ASVAB)---Word Knowledge
Army General Classification Test (AGCT)---Verbal
Army General Technical Test (AGTT)---Verbal
Astmington-olson Test of Metacognitive and Metalinguistic Language---Choose the Synonym that Best Replaces the Word in the Story
Ball Aptitude Battery---Vocabulary
Basic Skills Test (BST)---Vocabulary
Bruce Vocabulary Inventory (Bruce, 1974)---Vocabulary
California Vocabulary Inventory (Sassenrath, no date)---Vocabulary
Chicago Test of Primary Mental Abilities (Thurstone & Thurstone, 1943)---Verbal Ability
Clerical APTitudes (Science Research Associates)---Office Vocabulary Test
Cognitive Abilities Test 4-13 [Kognitiver Fähigkeitstest; KFT-Ergebnisse] (Heller, Schön-Gaedeke, & Weinläder, 1976, 1985)---Verbal
Cognitive Ability Test (KFT4-12+R; Heller & Perleth, 2000)---Vocabulary
College Vocabulary Test (Gough & Sampson, no date; cited by Gough, 1987)---Total

Intelligence Structure Test---Sentence Completion [Satzeranzen, SE]
Project TALENT Battery---Disguised Words
Schonell's Reading Test (Schonell, 1956)---Sentence Completion
Schonell's Reading Test (Schonell, 1956)---Total
Science Research Associates Achievement Tests (SRA)---Writing Skills composite (Grammar, Punctuation, Sentence Building, Sentence Recognition, Spelling, and Vocabulary)
Work Skills Series Production (SHL)---Understanding Instructions

Acquired Knowledge--Verbal Ability---Comprehension Knowledge----Language Development

American Council on Education Psychological Examination---Completion
Army Alpha---Opposites
Brown-Carlsen Listening Comprehension Test---Recognizing Transitions
Idioms Test (no citation given by Ho, 1987)---Total
Instruction Test (no citation given by Caspy, Reisler, & Mendelson, 1987)---Total
<table>
<thead>
<tr>
<th>Test Description</th>
<th>Type/Component</th>
</tr>
</thead>
<tbody>
<tr>
<td>Columbia Testing Laboratory Simple Vocabulary Test</td>
<td>Total</td>
</tr>
<tr>
<td>Common Entrance Tests</td>
<td>Vocabulary</td>
</tr>
<tr>
<td>Cooperative English Test of Reading Comprehension</td>
<td>Vocabulary</td>
</tr>
<tr>
<td>Cooperative Testing Service (ETS)</td>
<td>Advanced Vocabulary</td>
</tr>
<tr>
<td>Educational Testing Service (ETS)</td>
<td>Advanced Vocabulary I</td>
</tr>
<tr>
<td>Educational Testing Service (ETS)</td>
<td>Vocabulary</td>
</tr>
<tr>
<td>Educational Testing Service (ETS)</td>
<td>Extended Range Vocabulary</td>
</tr>
<tr>
<td>Educational Testing Service (ETS)</td>
<td>Vocabulary</td>
</tr>
<tr>
<td>Employee Aptitude Survey (EAS)</td>
<td>Verbal Comprehension</td>
</tr>
<tr>
<td>English Recognition Vocabulary Test</td>
<td>Correct Responses</td>
</tr>
<tr>
<td>ESA (Pearson)</td>
<td>Vocabulary</td>
</tr>
<tr>
<td>Gates-MacGinitie Reading Test</td>
<td>Composite (Verbal Reasoning, Vocabulary, and Word Beginnings)</td>
</tr>
<tr>
<td>General Aptitude Test Battery (GATB)</td>
<td>Vocabulary</td>
</tr>
<tr>
<td>General Survey Intelligence Scale</td>
<td>Vocabulary</td>
</tr>
<tr>
<td>General Survey of Intelligence Scale</td>
<td>Vocabulary</td>
</tr>
<tr>
<td>Guilford-Zimmerman Aptitude Survey</td>
<td>Verbal Comprehension</td>
</tr>
<tr>
<td>Hawaii Family Study of Cognition Battery</td>
<td>Vocabulary</td>
</tr>
<tr>
<td>Health and Retirement Study</td>
<td>Vocabulary</td>
</tr>
<tr>
<td>High School and Beyond Test Battery</td>
<td>Vocabulary</td>
</tr>
<tr>
<td>Intelligence Structure Test</td>
<td>Verbal Similarities</td>
</tr>
<tr>
<td>Kaufman Adolescent and Adult Intelligence Test (KAIT)</td>
<td>Double Meaning</td>
</tr>
<tr>
<td>Kyodai NX Test</td>
<td>Verb</td>
</tr>
<tr>
<td>LEXI (S &amp; F Personalpsychologie, 2009)</td>
<td>Vocabulary Test</td>
</tr>
<tr>
<td>Lexical Knowledge Test (Wagner-Menghin, 1999)</td>
<td>Total</td>
</tr>
<tr>
<td>Michigan Vocabulary Profile Test</td>
<td>Vocabulary</td>
</tr>
<tr>
<td>Mill Hill (Raven, Court, &amp; Raven, 1988)</td>
<td>Vocabulary</td>
</tr>
<tr>
<td>Multidimensional Aptitude Battery (MAB)</td>
<td>Vocabulary</td>
</tr>
<tr>
<td>Multiple-Choice Vocabulary Test [Mehrfachwahl Wortschatz-Intelligenztest]</td>
<td>Vocabulary</td>
</tr>
<tr>
<td>National Longitudinal Study of Adolescent to Adult Health Picture Vocabulary Test</td>
<td>Total</td>
</tr>
<tr>
<td>National Merit Scholarship Qualifying Test</td>
<td>Vocabulary</td>
</tr>
<tr>
<td>Nelson-Denny Reading Test</td>
<td>Vocabulary</td>
</tr>
<tr>
<td>Norwegian Draft Board Assessment of Intellectual Ability</td>
<td>Word Similarities</td>
</tr>
<tr>
<td>NV5-R (Thiébaut &amp; Bidan-Fortier, 2003)</td>
<td>Vocabulary</td>
</tr>
<tr>
<td>Occupational Aptitude Survey and Interest Schedule 2</td>
<td>Vocabulary</td>
</tr>
<tr>
<td>Office Skills Assessment Battery (Vangent)</td>
<td>Skills (Office Vocabulary)</td>
</tr>
<tr>
<td>Ohio State Psychological Examination</td>
<td>Same--Opposite</td>
</tr>
<tr>
<td>Peabody Picture Vocabulary Test (Dunn, 1965)</td>
<td>Total</td>
</tr>
<tr>
<td>Primary Mental Abilities</td>
<td>Verbal Ability</td>
</tr>
<tr>
<td>Primary Mental Abilities--Vocabulary</td>
<td>Vocabulary</td>
</tr>
<tr>
<td>Project TALET Battery</td>
<td>Vocabulary</td>
</tr>
<tr>
<td>Project TALET Battery II</td>
<td>Vocabulary</td>
</tr>
<tr>
<td>Project TALET Battery Total composite (Vocabulary I and Vocabulary II)</td>
<td>Total</td>
</tr>
<tr>
<td>Quick Test (Ammons &amp; Ammons, 1962)</td>
<td>Total</td>
</tr>
<tr>
<td>Quickie Test Battery (Stankov, 1997)</td>
<td>Vocabulary</td>
</tr>
<tr>
<td>Revised Examination M Test of Intelligence and Aptitude (Blair, 1959)</td>
<td>Vocabulary</td>
</tr>
<tr>
<td>Royal Australian Air Force Groundstaff Test Battery (GTB)</td>
<td>Word Knowledge</td>
</tr>
<tr>
<td>Schaie-Thurstone Adult Mental Abilities Test (Schaie, 1985)</td>
<td>Rare Word Matching</td>
</tr>
<tr>
<td>Schaie-Thurstone Adult Mental Abilities Test (Schaie, 1985)</td>
<td>Recognition Vocabulary</td>
</tr>
<tr>
<td>Schaie-Thurstone Adult Mental Abilities Test (Schaie, 1985)</td>
<td>Vocabulary</td>
</tr>
<tr>
<td>Shipley Institute of Living Scale</td>
<td>Vocabulary</td>
</tr>
<tr>
<td>Skill Acquisition Lab (SAL; no citation given by Ackerman, 1995)</td>
<td>Vocabulary</td>
</tr>
<tr>
<td>Stanford Achievement Tests</td>
<td>Word Meaning</td>
</tr>
<tr>
<td>Synonyms Vocabulary Test (no citation given by Stankov, 2009)</td>
<td>Accuracy</td>
</tr>
<tr>
<td>Taylor Test Battery (Taylor, 1947)</td>
<td>Verbal Comprehension composite (Completion and Same or Opposite)</td>
</tr>
<tr>
<td>Terman Concept Mastery Test</td>
<td>Vocabulary</td>
</tr>
<tr>
<td>Test Collectif d’Intelligence Generale (Lavoie &amp; Laurendeau, 1960)</td>
<td>Vocabulary</td>
</tr>
</tbody>
</table>
The IQ Test (www.allthetests.com/tests/iqtest.php3)---Verbal Intelligence composite (Fill-In the Letter and Synonyms)
Thurstone Test of Mental Alertness---Linguistic composite (Definitions and Same--Opposite Word Meanings)
University of British Columbia (UBC) Word Test (Paulhus & Nathanson, 2003)---Total
Vocabulary (Carroll, no date, cited by Taylor, Ghiselin, & Yagi, 1967)---Total
Wechsler Intelligence Scale---Vocabulary
Wide Range Vocabulary Test (WRVT; Atwell & Wells, 1945)---Form C
Woodcock-Johnson---Picture Vocabulary
Word and Number Assessment Inventory (Johansson & Johansson, 1971)---Word
Word Familiarity Survey (Sperbeck, Whitbourne, & Hoyer, 1986)---General
Word Halo Test (Armstrong & McConaghy, 1977)---Synonyms (Total Number of Words)
Words/A40 (Uttl, 2006)---Total
Words/B40 (Uttl, 2006)---Total
Wortschatztest (WST; Schmidt & Metzler, 1992)---Vocabulary
Youthscan Test Booklet (British Cohort Study, 1970)---Vocabulary

Acquired Knowledge--Verbal Ability---Comprehension Knowledge---Listening Ability

Basic Skills Test (BST)---Memory (Following Oral Directions)
Brown-Carlsen Listening Comprehension Test---Listening Comprehension
Defense Language Proficiency Test (Defense Language Institute)---Listening
International French Achievement Test Battery (International Association for the Evaluation of Educational Achievement, 1966 / Carroll, 1975)---Listening Comprehension
Kaufman Adolescent and Adult Intelligence Test (KAIT)---Auditory Comprehension
Situation XJI Interview Listening (Taylor, Ghiselin, & Yagi, 1967)---Total
Test of English for International Communication (TOEIC; Woodford, 1982)---Listening Comprehension

Acquired Knowledge--Verbal Ability---Reading and Writing

Abstracting (Taylor, Ghiselin, & Yagi, 1967)---Number of Important Ideas Noted in the Summary
Comprehensive Test of Basic Skills (no citation given by Chang, 1975)---Language

Indiana Statewide Testing for Educational Progress---English Language
Iowa Placement Examinations (Stoddard, 1925)---English Training
Leistungsprüfsystem (LPS; Horn, 1962)---Subtest 2
Sequential Tests of Educational Progress (Educational Testing Service (ETS), 1969)---English
Wollack ALERT (Wollack & Associates, 1988)---composite (Reading and Writing)

Acquired Knowledge--Verbal Ability---Reading and Writing---Native Language Usage

Basic Skills Test (BST)---Language Skills
Cooperative English Test---Usage
Differential Aptitude Test---Language Usage
Differential Aptitude Test---Sentences
ESA (Pearson)---Grammar
Iowa Placement Examinations (Bureau of Educational Research and Services, 1941)---English Training Test---English Usage
Iowa Placement Examinations (Bureau of Educational Research and Services, 1941)---English Training Test---Punctuation
Office Skills Assessment Battery (Vangent)---Skills (Grammar)
Office Skills Assessment Battery (Vangent)---Skills (Punctuation/Capitalization)
Project TALENT Battery---Capitalization
Project TALENT Battery---English Usage
Project TALENT Battery---Punctuation
Project TALENT Battery---Word Functions in Sentences
Stanford Achievement Tests---Language Grammar

Acquired Knowledge--Verbal Ability---Reading and Writing---Reading Comprehension

3T Test (National Child Development Study, 1958) (University of London, 2013)---Reading Comprehension
Air Force Officer Qualifying Test---Reading Comprehension
American College Test (ACT)---Reading
Armed Services Vocational Aptitude Battery (ASVAB)---Paragraph Comprehension
Basic Skills Test (BST)---Reading Comprehension
California Achievement Test---Reading Grade Equivalent
Canadian Dental Aptitude Test (DAT)---Reading Comprehension
Cognitive Ability Constructs and Measures

- CAST (Cognitive Ability Selection Test; Nalodka, 1995)—Reading Comprehension
- Common Entrance Tests (no citation given by Clark, 1968)—Reading Comprehension
- Comprehensive Test of Basic Skills (no citation given by Chang, 1975)—Reading
- Cooperative English Test of Reading Comprehension—Level of Comprehension
- Davis Reading Test—Level
- Davis Reading Test—Total
- Defense Language Proficiency Test (Defense Language Institute)—Reading
- Descriptive Tests of Language Skills (College Board, 1978)—Total
- Diagnostic Reading Test (Committee on Diagnostic Reading Tests, 1947)—Survey Section—Comprehension
- Education Longitudinal Study (Ingels, Pratt, Wilson, Burns, Currivan, Rogers, & Hubbard-Bednasz, 2007)—Reading Item Response Theory Estimated Number Correct
- Educational Testing Service (ETS)—Reading
- ESA (Pearson)—Reading Comprehension
- Gates-MacGinitie Reading Test (Gates & MacGinitie, 1972)—Comprehension
- High School and Beyond Test Battery (National Center for Education Statistics, 2006)—Reading
- High School Battery of the Metropolitan Achievement Tests (Durost, Bixler, Wrightstong, Prescott, & Balow, 1962)—Reading Test
- Indiana Statewide Testing for Educational Progress—Reading
- Industrial Reading Test (no citation given by Hogan & Hogan, 1996)—Total
- Iowa Silent Reading Tests (Greene, Jorgensen, & Kelley, 1943)—Reading Comprehension
- National Education Longitudinal Study (NELS 1988) (US Department of Education, 1988)—Reading IRT Theta
- Nelson-Denny Reading Test—Comprehension
- Ohio State Psychological Examination—Reading Comprehension
- Optometry Admission Test (Optometry Admission Testing Program, 1999)—Reading Comprehension
- Primary Mental Abilities—Reading
- Primary Mental Abilities—Reading I
- Project TALENT Battery—Reading Comprehension
- Reading Achievement Test (no citation given by Garner & Cole, 1986)—Reading
- Reading Span (Durette, 2009)—Process
- Science Research Associates Achievement Tests (SRA)—Reading
- Sentence Verification Test (Royer, Greene, & Sinatra, 1987)—Total

Situation XIII (Taylor, Ghiselin, & Yagi, 1967)—Reading Comprehension
- Stanford Achievement Tests—Reading Achievement
- Stanford Achievement Tests—Reading Comprehension/Paragraph Meaning
- Stanford Test of Academic Skills (STAS), Third Edition—Reading
- Swiss military cognitive battery (no citation given by Annen, 2013)—Verbal Comprehension
- Test of English for International Communication (TOEIC; Woodford, 1982)—Reading Comprehension
- Thorndike Intelligence Examination for High School Graduates (no citation given by Broom, 1930)—Reading
- Wechsler’s Test of Adult Reading—Total
- Whipple’s High School and College Reading Test (no citation given by Bown, 1941)—Form A
- Wide Range Achievement Test (WRAT)—Reading
- Wollack ALERT (Wollack & Associates, 1988)—Reading
- Woodcock-Johnson—Passage Comprehension
- Acquired Knowledge—Verbal Ability—Reading and Writing—Reading Decoding
- National Adult Reading Test (NART)—Oral Reading
- National Adult Reading Test (NART)—Total
- Woodcock-Johnson—Letter Word Identification
- Woodcock-Johnson—Word Attack
- Acquired Knowledge—Verbal Ability—Reading and Writing—Reading Speed
- Cooperative English Test of Reading Comprehension—Level of Comprehension—Speed of Comprehension
- Diagnostic Reading Test (Committee on Diagnostic Reading Tests, 1947)—Survey Section—Rate of Reading
- Iowa Silent Reading Tests (Greene, Jorgensen, & Kelley, 1943)—Reading Rate
- Michigan Speed of Reading Test (Science Research Associates)—Speed of Reading
- Nelson-Denny Reading Test—Reading Rate

Acquired Knowledge—Verbal Ability—Reading and Writing—Spelling Ability
- Australian Council for Educational Research (ACER) Shorthand Aptitude Test—Phonetic Word Association Test (PWAT)
Cooperative English Test---Spelling
Differential Aptitude Test---Spelling
Iowa Placement Examinations (Bureau of Educational Research and Services, 1941)---English Training Test---Spelling
Office Skills Assessment Battery (Vangent)---Skills (Spelling)
Old German vs. New German Spelling Test (Kröner & Biermann, 2007)---Spelling Proficiency
Project TALENT Battery---Spelling
Stanford Achievement Tests---Spelling
Wide Range Achievement Test (WRAT)---Spelling

Acquired Knowledge--Verbal Ability---
Reading and Writing----Writing Ability

High School and Beyond Test Battery (National Center for Education Statistics, 2006)---Writing
Sequential Tests of Educational Progress (Educational Testing Service (ETS), 1969)---Writing
Wollack ALERT (Wollack & Associates, 1988)---Writing
Writing Organization (Taylor, Ghiselin, & Yagi, 1967)---Total

Auditory Processing---
Woodcock-Johnson---Auditory Processing

Auditory Processing--Absolute Pitch

Navy Classification Battery---Sonar Pitch Memory Test
Seashore (no citation given by Thurstone, Thurstone, & Strandskov, 1953)---Absolute Pitch

Auditory Processing--Maintaining and Judging Rhythm

Seashore (no citation given by Thurstone, Thurstone, & Strandskov, 1953)---Rhythm

Auditory Processing--Memory for Sound Patterns

Auditory Retention (Taylor, Ghiselin, & Yagi, 1967)---Total
Navy Classification Battery---Radio Code Aptitude Test

Seashore Tonal Memory Test (no citation given by Thurstone, Thurstone, & Strandskov, 1953)---Total

Auditory Processing--Sound Discrimination

SynWin (Elsmore, 2004) adaptation---Auditory Accuracy

Auditory Processing--Speech Sound Discrimination

Speech Sound Discrimination (Taylor, Ghiselin, & Yagi, 1967)---Total

Fluid

Adult Development and Enrichment Project Test Battery (ADEPT) (Baltes & Willis, 1982) / ADEPT Test Battery Revised---Fluid
Alice Heim---composite (Directions, Numerical Series, Similar Relationships, and Verbal Analogies)
Alice Heim---Verbal Ability
American Council on Education Psychological Examination---Arithmetic
American Council on Education Psychological Examination---Quantitative
APIS (Matczak, Jaworowska, Szustrowa, & Ciechanowicz, 1995)---General Reasoning composite (Classification & Conversion of Numbers and Logical Reasoning Using Abstract Material)
Aptitude Assessment Battery (Ackerman & Kanfer, 1993)---Necessary Facts
Arlin Test of Formal Reasoning---composite (Combinatorial Reasoning, Coordination of Two or More Systems of Frames of Reference, Correlations, Forms of Conservation Beyond Direct Verification, Mechanical Equilibrium, Multiplicative Compensations, Probability, and Proportional Reasoning)
Army Beta---Total
Australian Council for Educational Research (ACER)
Higher Test---Form M composite (Analogies, Arithmetical Reasoning, Classifications, Logical Reasoning, Number Matrices, Number Series, and Proverbs)
Basic Skills Test (BST)---Reasoning
Berlin Intelligence Structure Test---Processing Capacity
Berlin Intelligence Structure Test---Reasoning Test
Birkman Abilities Inventory---composite (Problem Identification (Quantitative, Spatial,
Cognitive Ability Constructs and Measures

- and Verbal) and Problem Solving (Quantitative, Spatial, and Verbal)
- Birkman Abilities Inventory—Problem Solving
- Birkman Abilities Inventory—Problem Solving—Verbal
- Canadian Forces Aptitude Test (CFAT)—Verbal Skills
- Captain Test (Van Leeuwen, 2004)—composite (Abstract Reasoning, Number Series, and Verbal Reasoning)
- CareerHarmony General Mental Ability Assessment (CareerHarmony, 2003)—Numerical and Verbal Ability
- Cognitive Ability Test (KFT4-12+R; Heller & Perleth, 2000)—composite (Figure Analogies, Number Sequences, and Verbal Analogies)
- Computer Aptitude, Literacy and Interest Profile (Poplin, Drew, & Gable, 1984)—Total
- Counterfactual Analogies (CFA; Matthew, Beckman, & Sternberg, 2008)—Mental Flexibility composite (Figural and Verbal)
- Culture Fair Intelligence Test (CFIT)—composite (Classification, Conditions, Matrices, and Series)
- Culture Fair Intelligence Test (CFIT)—Nonverbal Fluid Intelligence (Classification, Matrices, Series, and Topologies)
- Culture Fair Intelligence Test (CFIT)—Total Score
- D-48 (Black, 1963)—Total
- Educational Testing Service (ETS)—Fluid Intelligence
- Educational Testing Service (ETS)—Numeric composite (Arithmetic Aptitude, Mathematic Aptitude, and Necessary Arithmetic Operations)
- General Ability Tests (GAT; Smith & Whetton, 1988)—Abstract Reasoning
- General Reasoning Test (Budd, 1993)—Total
- Graduate and Managerial Assessment (Blinkhorn, 1985)—composite (Numerical Reasoning and Verbal Reasoning)
- Graduate and Managerial Assessment (Blinkhorn, 1985)—Total composite (Abstract Reasoning, Numerical Reasoning, and Verbal Reasoning)
- Graduate Record Examination (GRE)—Analytical Ability
- Group Test of General Mental Ability (Jalota & Tandon, 1959)—composite (Analogy, Classification, Inference, Number Series, and Synonyms)
- Hogan Business Reasoning Inventory—Strategic Reasoning
- Intelligence Structure Test—Number of Rows [Zahlenreihen, ZR]
- Inter-University Psychometric Entrance Test (no citation given by Zeidner, 1990 or 1991)—Analytical Thinking
- Kerala University Group Test of Intelligence for Adults (Revised Version)—composite (Letter Matrices, Numerical Reasoning, Verbal Analogies, and Verbal Classification)
- Kognitive Fähigkeitsmodule [Cognitive Abilities Modules] (KFM; S & F Personalspsychologie, 2001)—composite (Figural Matrices and Number Series)
- Leistungsprüfssystem (LPS; Horn, 1962)—Reasoning composite (Subtest 3 (Figure Arrange [Figurenreihen]) and Subtest 4 (Number Arrange [Zahlenreihen]))
- Les Éditions du Centre de Psychologie Appliquée Test de Raisonnement 85/Test de Raisonnement 2000—Total
- London House Test Catalog for Business (London House, 1989)—Nonverbal Reasoning
- Lorge-Thorndike IQ Test—Nonverbal Intelligence
- Luchins Arithmetic Einstellung Problems (Luchins, 1942)—Total
- Management Graduate Item Bank (Saville & Holdsworth, 1989)—composite (Numerical Reasoning and Verbal Reasoning)
- Non-Language Test of Verbal Intelligence (Chatterji & Mukerjee, 1968)—composite (Analogy, Classification, Opposite, and Picture Arrangement)
- Norwegian Draft Board Assessment of Intellectual Ability—composite (Arithmetics, Figure Reasoning, and Word Similarities)
- Norwegian Draft Board Assessment of Intellectual Ability—Figure Reasoning (Percentile)
- NV5-R (Thiébaut & Bidan-Fortier, 2003)—General Reasoning
- Orientierungs Test (was-studiere-ich.de)—Numerical composite (Arithmetic, Estimation, Number Sequences, Quantitative Comparisons, and Tables)
- Personnel General Reasoning Test [Personel Genel Muahakeme Testi] (PGMT; no citation given by Sümür, Erol-Korkmaz, Özen, & Eris, 2013)—Benzetim Benzerlik [Similarity Simulation]
- Personnel General Reasoning Test [Personel Genel Muahakeme Testi] (PGMT; no citation given by Sümür, Erol-Korkmaz, Özen, & Eris, 2013)—Esleme [Pairing]
- Personnel General Reasoning Test [Personel Genel Muahakeme Testi] (PGMT; no citation given by Sümür, Erol-Korkmaz, Özen, & Eris, 2013)—Siralama [Arrangement]
- Personnel General Reasoning Test [Personel Genel Muahakeme Testi] (PGMT; no citation given by Sümür, Erol-Korkmaz, Özen, & Eris, 2013)—Toplam Puan [Total Score]
- Personnel General Reasoning Test [Personel Genel Muahakeme Testi] (PGMT; no citation given by Sümür, Erol-Korkmaz, Özen, & Eris, 2013)—Toplam Pu [Total Score]
2013)---Zihinsel Yapilandirma [Mental Configuration]
Piagetian Tasks (no citation given by Ackerman, 1980)---composite (Light Switch Box and Liquid Test)
PROFFICE (S & F Personalpsychologie, 2004)---Numerical and Figural Reasoning
Reynolds Intellectual Assessment Scales (RIAS; Reynolds & Kamphaus, 2003)---Verbal Index composite (Guess What and Verbal Reasoning)
Saville Selling Skills Series---Semantic Reasoning Test
Scottsdale Test of Critical Thinking (Ricker, 2001)---Total
SHL Critical Reasoning Test battery---composite (Inductive Reasoning, Numerical Reasoning, and Verbal Reasoning)
Soluble/Insoluble Analogy Test (Thurstone, 1925)---Figural Analogy
Terman Concept Mastery Test---Analogies
test de Inteligencia General (TIG-1: Cordero, Seisdedos, González, & de la Cruz, 1994)---Domoines Test
Test of Educational Ability Level 2 (TEA-2; Science Research Associates, 1963)---Abstract Reasoning
Tests of Verbal Reasoning, Nonverbal Reasoning, and Spatial Ability (Jarman & Abram, 1998)---Total
Verbal Critical Reasoning Test (Klaczynski, Gordon, & Fauth, 1997)---Total
Verbal Group Test of General Mental Ability (Hundal, 1962)---composite (Analogies, Classifications, Following Directions, Inferences, Number Series, Opposites, and Synonyms)
Wagner Assessment Test (WAT; Wagner & Harvey, 2006)---Total composite (Deduction, Evaluation of Arguments, Inference, Interpretation, and Recognition of Assumptions)
Water Jars Test (Luchins & Luchins, 1959)---Total
Watson-Glaser Critical Thinking Appraisal---Drawing Conclusions composite (Deduction, Inference, and Interpretation)
Watson-Glaser Critical Thinking Appraisal---Total / Total composite (Deduction, Evaluation of Arguments, Inference, Interpretation, and Recognition of Assumptions)
Wesman Personnel Classification Test (WPCT)---composite (Numerical and Verbal)
Wesman Personnel Classification Test (WPCT)---Total
Wonderlic Personnel Test (WPT)---Non-Verbal IQ

Fluid--General Sequential Reasoning

Amsterdam Cognitive Ability Battery (Elshout, 1976)---Conclusion

Analytical Intelligence Test [Analytischer Intelligenztest / Allgemeine Intelligenz-Test] (AIT; Meili, 1966)---Image Series [Bilderreihen]
Baddeley Grammatical Reasoning Test---Total
Basic Skills Test (BST)---Decision Making
Basic Skills Test (BST)---Following Written Directions
Coding Task (Savage, 1984)---Total
Component Processes Task (Hannon & Daneman, 2001)---Text Inferencing
Comprehensive Test of Nonverbal Intelligence---Second Edition (CTONI-2)---Sequential Reasoning
Conditional Reasoning Test (CRT; Stankov, 1997)---Accuracy
Directions Test (DuBois, 1932)---Total
Divergent Thinking (Guilford & Merrifield, 1960)---Match Problems III
Dutch Police Intelligence Test (Rijks Psychologische Dienst, 1975)---Picture Arrangement
Educational Testing Service (ETS)---Inference
Educational Testing Service (ETS)---Nonsense Syllogisms
Employee Aptitude Survey (EAS)---Verbal Reasoning
eTest Online Assessment (Haygood & Golson, 1995)---Deductive Reasoning
Graduate and Managerial Assessment (Blinkhorn, 1985)---Verbal Reasoning
Graduate Management Admission Test (GMAT)---Data Sufficiency Problems
Hamburg-Wechsler-Intelligenztest für Erwachsene---Image Ordering [Bilderordnen]
Hogan Business Reasoning Inventory---Tactical Reasoning
Inferential Reasoning Test (RIn; no citation given by Andrade, 2012)---Total
International Cognitive Ability Resource (ICAR)---Verbal Reasoning IQ
Kaufman Adolescent and Adult Intelligence Test (KAIT)---Logical Steps
Leistungsprüfsystem (LPS; Horn, 1962)---Subtest 3 (Conclusions [Schlusfolgernden Denken])
Management Graduate Item Bank (Saville & Holdsworth, 1989)---Verbal Critical Reasoning
Measure of Latent Inhibition (Carson, Peterson, & Higgins, 2003)---Trials Required to Identify the Rule
Multidimensional Aptitude Battery (MAB)---Picture Arrangement
Non-Verbal Reasoning Test (Corsini, 1957)---Non-Verbal Reasoning
Primary Mental Abilities (Thurstone, 1938)---Logical Relations [Logische Relationen]
Proverbs Test (no citation given by Ho, 1987)---Total
Ship Destination Test (Christensen & Guilford, 1956)---Total
Short Penn Logical Reasoning Test (Gur, Ragland, Moberg, Turner, Bilker, Kohler, Siegel, & Gur, 2001)---Total
Syllogistic Reasoning Problems (Markovits & Nantel, 1989)---Total
Symbol Digit Modalities Test (SDMT; Smith, 1982)---Total
Symbol Letters Modalities Test (SLMT; Gilmore, Spinks, & Thomas, 2006)---Total
The University of Newcastle Research Associates (TUNRA) Cognitive Skills (unpublished measure with no citation given by Lumsden, Bore, Millar, Jack, & Powis, 2005)---Logical Reasoning and Problem Solving (LRPS)

Wagner Assessment Test (WAT; Wagner & Harvey, 2006)---Deduction
Wagner Assessment Test (WAT; Wagner & Harvey, 2006)---Evaluation of Arguments/Argument Strength
Wagner Assessment Test (WAT; Wagner & Harvey, 2006)---Inference/Fact Based Conclusions
Wason Card Selection Task (Wason, 1966)---Speed Factor
Watson-Glaser Critical Thinking Appraisal---Deduction
Watson-Glaser Critical Thinking Appraisal---Evaluating Arguments
Watson-Glaser Critical Thinking Appraisal---Inferences
Wechsler Intelligence Scale---Picture Arrangement
Woodcock-Johnson---Analysis Synthesis
Working with Information Assessment (SHL, 2005)---Total
### Fluid—Induction

<table>
<thead>
<tr>
<th>Test</th>
<th>Type</th>
</tr>
</thead>
<tbody>
<tr>
<td>16 Personality Factor Questionnaire (16PF) / High School Personality</td>
<td>Personality Factor Questionnaire (CPQ)</td>
</tr>
<tr>
<td>Questionnaire (HSPQ) / Children’s Personality Questionnaire (CPQ;</td>
<td>Factor B</td>
</tr>
<tr>
<td>Porter &amp; Cattell, 1960)---Factor B</td>
<td></td>
</tr>
<tr>
<td>Adaptive Matrices Test (Hornke, Etzel, &amp; Rettig, 2003)---Total</td>
<td></td>
</tr>
<tr>
<td>Advanced Test Battery Spatial Reasoning (Saville &amp; Holdsworth, 1979)</td>
<td>Spatial Reasoning</td>
</tr>
<tr>
<td>Advanced Test Battery Spatial Reasoning (Saville &amp; Holdsworth, 1979)</td>
<td>Verbal Concepts</td>
</tr>
<tr>
<td>Air Force Officer Qualifying Test---Verbal Analogies</td>
<td></td>
</tr>
<tr>
<td>American Council on Education Psychological Examination---Analogies</td>
<td></td>
</tr>
<tr>
<td>Amsterdam Cognitive Ability Battery (Elshout, 1976)---Verbal Analogies</td>
<td></td>
</tr>
<tr>
<td>Analytical Intelligence Test [Analytischer Intelligenztest / Allgemeine Intelligenz-Test] (AIT; Meili, 1966)---Analogie [Analogien]</td>
<td></td>
</tr>
<tr>
<td>Aptitude Assessment Battery (Ackerman &amp; Kanfer, 1993)---Directional Head</td>
<td></td>
</tr>
<tr>
<td>Aptitude Assessment Battery (Ackerman &amp; Kanfer, 1993)---Spatial Analog</td>
<td></td>
</tr>
<tr>
<td>Aptitude Assessment Battery (Ackerman &amp; Kanfer, 1993)---Verbal Analog</td>
<td></td>
</tr>
<tr>
<td>Army Alpha---Analogies</td>
<td></td>
</tr>
<tr>
<td>Ball Aptitude Battery---Analytical Reasoning</td>
<td></td>
</tr>
<tr>
<td>Ball Aptitude Battery---Inductive Reasoning</td>
<td></td>
</tr>
<tr>
<td>Basic Skills Test (BST)---Classifying</td>
<td></td>
</tr>
<tr>
<td>Birkman Abilities Inventory---Problem Identification---Spatial</td>
<td></td>
</tr>
<tr>
<td>Birkman Abilities Inventory---Problem Identification---Verbal</td>
<td></td>
</tr>
<tr>
<td>Birkman Abilities Inventory---Problem Solving---Spatial</td>
<td></td>
</tr>
<tr>
<td>Birkman Abilities Inventory----Spatial</td>
<td></td>
</tr>
<tr>
<td>Bonnardel 53 (B53; Bonnardel, 1977)---Total</td>
<td></td>
</tr>
<tr>
<td>Cambridge Examination for Mental Disorders of the Elderly (CAMDEX; Roth, Tym, Mountjoy, Huppert, Hendrie, Verma, &amp; Goddard, 1986)---Visual Reasoning</td>
<td></td>
</tr>
<tr>
<td>Captain Test (Van Leeuwen, 2004)---Abstract Analytical Skills</td>
<td></td>
</tr>
<tr>
<td>Cattell Intelligence Tests, Scale III---composite (Analogies,</td>
<td></td>
</tr>
<tr>
<td>Classifications, Completion, Inferences, Opposites, and Synonyms)</td>
<td></td>
</tr>
<tr>
<td>Center for Basic Interactive Research (CEBIR; 2009)---Letter Series/Number Series</td>
<td></td>
</tr>
<tr>
<td>Chicago Test of Primary Mental Abilities (Thurstone &amp; Thurstone, 1943)---Inductive Reasoning</td>
<td></td>
</tr>
<tr>
<td>Cognitive Abilities Test 4-13 [Kognitiver Fähigkeits test; KFT-Ergebnisse] (Heller, Schön-Gaedike, &amp; Weinläder, 1976, 1985)---Non Verbal</td>
<td></td>
</tr>
<tr>
<td>Cognitive Ability Test (KFT4-12+R; Heller &amp; Perleth, 2000)---composite (Figure Analogies and Verbal Analogies)</td>
<td></td>
</tr>
<tr>
<td>Cognitive Ability Test (KFT4-12+R; Heller &amp; Perleth, 2000)---Figural Classification</td>
<td></td>
</tr>
<tr>
<td>Cognitive Ability Test (KFT4-12+R; Heller &amp; Perleth, 2000)---Figure Analogy</td>
<td></td>
</tr>
<tr>
<td>Cognitive Ability Test (KFT4-12+R; Heller &amp; Perleth, 2000)---Word Classification</td>
<td></td>
</tr>
<tr>
<td>Compound Series Test (Morrisby, 1995)---Total</td>
<td></td>
</tr>
<tr>
<td>Comprehensive Ability Battery (CAB)---Inductive Reasoning</td>
<td></td>
</tr>
<tr>
<td>Comprehensive Test of Nonverbal Intelligence—Second Edition</td>
<td></td>
</tr>
<tr>
<td>(CTONI-2)---Analogical Reasoning</td>
<td></td>
</tr>
<tr>
<td>Comprehensive Test of Nonverbal Intelligence—Second Edition</td>
<td></td>
</tr>
<tr>
<td>(CTONI-2)---Categorical Classification</td>
<td></td>
</tr>
<tr>
<td>Computer Programmer Aptitude Battery (Vangent, 1993)---Diagramming</td>
<td></td>
</tr>
<tr>
<td>Computer Programmer Aptitude Battery (Vangent, 1993)---Letter Series</td>
<td></td>
</tr>
<tr>
<td>Concept Information (Long &amp; Ziller, 1965)---Number of Decision Delays</td>
<td></td>
</tr>
<tr>
<td>Concept Learning Tasks (Corder, 1966)---Total</td>
<td></td>
</tr>
<tr>
<td>Culture Fair Intelligence Test (CFIT)---Classifications (Test 2)</td>
<td></td>
</tr>
<tr>
<td>Culture Fair Intelligence Test (CFIT)---Composite (Matrices and Series)</td>
<td></td>
</tr>
<tr>
<td>Culture Fair Intelligence Test (CFIT)---Matrices</td>
<td></td>
</tr>
<tr>
<td>Culture Fair Intelligence Test (CFIT)---Series Task</td>
<td></td>
</tr>
<tr>
<td>Differential Aptitude Test---Abstract Reasoning</td>
<td></td>
</tr>
<tr>
<td>Differential Aptitude Test---Total</td>
<td></td>
</tr>
<tr>
<td>Differential Aptitude Test---Verbal Reasoning</td>
<td></td>
</tr>
<tr>
<td>Dureman-Sälde Battery (Dureman, Keebon, &amp; Österberg, 1971)---Figure Logic</td>
<td></td>
</tr>
<tr>
<td>Dutch Police Intelligence Test (Rijks Psychologische Dienst, 1975)---Inductive Reasoning</td>
<td></td>
</tr>
<tr>
<td>Dutch Police Intelligence Test (Rijks Psychologische Dienst, 1975)---Verbal Comprehension</td>
<td></td>
</tr>
<tr>
<td>Educational Testing Service (ETS)---Convergent Thinking</td>
<td></td>
</tr>
<tr>
<td>Educational Testing Service (ETS)---Diagramming Relationships Score-Logical Reasoning RL-2</td>
<td></td>
</tr>
<tr>
<td>Educational Testing Service (ETS)---Figure Classification</td>
<td></td>
</tr>
<tr>
<td>Educational Testing Service (ETS)---Letter Sets</td>
<td></td>
</tr>
<tr>
<td>Educational Testing Service (ETS)---Locations</td>
<td></td>
</tr>
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<td>Employee Aptitude Survey (EAS)---Symbolic Reasoning</td>
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<tr>
<td>Federal Aviation Administration (FAA) Abstract Reasoning Test---(OPM-157) Raw Score</td>
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<tr>
<td>Federal Aviation Administration (FAA) Abstract Reasoning Test---Total</td>
<td></td>
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</tbody>
</table>
Feuerstein Set Variations (Feuerstein, 1979)---Variation 1
Finnish Defence Forces Basic Ability Test---Visuospatial Ability
General Reasoning Test (Budd, 1993)---Abstract Reasoning
General Reasoning Test---Abstract Reasoning
Göteborg Studies of Aging (Marlow & Skoog, 2013)---Figure Classification Part 1
Göteborg Studies of Aging (Marlow & Skoog, 2013)---Figure Classification Part 2
Graduate and Managerial Assessment (Blinkhorn, 1985)---Abstract Reasoning
Groninger Intelligence Test (Kooreman & Luteijn, 1987)---Word Matrix
Hamburg-Wechsler-Intelligenztest für Erwachsene---Find Commonalities [Gemeinsamkeitenfinden]
Hawaii Family Study of Cognition Battery---Pedigrees
Health and Retirement Study (2013)---Verbal Analogies
Idea Classification Test (no citation given by Feist & Barron, 2003)---Total
Intelligence Structure Test---Commonalities [Gemeinsamkeiten, GE]
Intelligence Structure Test---Figural
Intelligence Structure Test---Figural composite (Abstract Pieces, Cubes, and Matrices)
Intelligence Structure Test---Find Commonalities
Intelligence Structure Test---Matrices
Intelligence Structure Test---Verbal Analogies
Intelligence Structure Test---Word Selection [Wortauswahl, WA]
International Cognitive Ability Resource (ICAR)---Letter Number Series IQ
International Cognitive Ability Resource (ICAR)---Matrix Reasoning IQ
Inter-University Psychometric Entrance Test (no citation given by Zeidner, 1990 or 1991)---Figural Reasoning
Jenkin’s Non-Verbal Group Test of Intelligence (no citation given by Dutt, Kaushal, & Sabhrawal, 1972)---Total
Kaufman Adolescent and Adult Intelligence Test (KAIT)---Four Letter Words
Kaufman Adolescent and Adult Intelligence Test (KAIT)---Mystery Codes
Leistungsprüfsystem (LPS; Horn, 1962)---Subtest 4 (Number Arrange [Zahlenreihen])
Lovibond Object Sorting Test (1966)---Total Matrices---Total
MatrixDeveloper (Hofer, 2004; Freund & Holling, 2011)---Total
Mental Flexibility Test (Matthew, Beckman, & Sternberg, 2008)---Flexible Mapping
Military Selection Figural Reasoning Measure (no citation given by Ong & Emler, 2005)---Total
Miller Analogies Test---Total
Multidimensional Aptitude Battery (MAB)---Similarities
Nufferno Test (Furneaux, 1956)---Accuracy
Nufferno Test (Furneaux, 1956)---Level
Ohio State Psychological Examination---Analogies
Piagetian Tasks (no citation given by Ackerman, 1980)---Pendulum
Primary Mental Abilities (Thurstone, 1938)---Grouping [Gruppen]
Primary Mental Abilities---Inductive Reasoning
Primary Mental Abilities---Letter Series
Project TALENT Battery---Abstract Reasoning
Quickie Test Battery (Stankov, 1997)---Esoteric Analogies
Quickie Test Battery (Stankov, 1997)---Letter Series
Raven’s Progressive / Raven’s Colored / Raven’s Advanced / Raven’s Short Form---Matrices
Reasoning Tests for Higher Levels of Intelligence (Valentine, 1954)---Total
Revised Examination M Test of Intelligence and Aptitude (Blair, 1959)---Verbal Analogies
Schaeie-Thurstone Adult Mental Abilities Test (Schaeia, 1985)---Letter Series
Schaeie-Thurstone Adult Mental Abilities Test (Schaeia, 1985)---Word Series
School and College Ability Test (SCAT)---Verbal
Shipley Institute of Living Scale---Abstraction
SHL Ability Screening Online (ASO)---Online Verbal Test (OV T)
SHL AccessAbility---Verbal
SHL Critical Reasoning Test battery---Diagrammatic Reasoning (DC3.1)
Swiss military cognitive battery (no citation given by Annen, 2013)---Figural Test
Taylor Test Battery (Taylor, 1947)---Reasoning composite (Letter Grouping and Letter Series)
Test for Non-Verbal Abstraction (Drenth, 1965; Drenth, Van Wieringen, & Hoolwerf, 2001)---Total
Test of Hamley (Lee, 1951)---Classification-Generalized Number
Test of Hamley (Lee, 1951)---Classification-Particular Number
Test of Hamley (Lee, 1951)---Classification-Spatial Figures
Test of Hamley (Lee, 1951)---Correspondence-Spatial Figures
Thurstone Letter Series Form B-L (Thurstone & Thurstone, 1984)---Total
Wagner Assessment Test (WAT; Wagner & Harvey, 2006)---Interpretation/Fact Interpretation
Wagner Assessment Test (WAT; Wagner & Harvey, 2006)---Recognition of Assumptions
Wason Card Selection Task (Wason, 1966)---Accuracy
Watson-Glaser Critical Thinking Appraisal---Interpretation
Watson-Glaser Critical Thinking Appraisal---Recognizing Assumptions
Wechsler Intelligence Scale---Matrix Reasoning
Wechsler Intelligence Scale---Similarities
Wesman Personnel Classification Test (WPCT)---Verbal Analogies
Wesman Personnel Classification Test (WPCT)---Verbal Reasoning
Westrin Intelligence Test III (WIT III; Westrin, 1969)---Analogies
Wilde Intelligence Test 2 [Wilde-Intelligenz-Test 2] (WIT-2; Kersting, Althoff, & Jäger, 2008)---Revised Analogies
Wisconsin Longitudinal Study (Hauser & Sewell, 2013)---Cognition Similarities
Wolfe Programming Aptitude Test (Wolfe, 1982)---Programming Language
Woodcock-Johnson---Fluid Reasoning

Fluid--Quantitative Reasoning

Advanced Numerical Reasoning Appraisal (ANRA)---Total
Air Force Arithmetic Reasoning Test (no citation given in Kerrick, 1955)---Total
Air Force Officer Qualifying Test---Arithmetic
Alice Heim---Mathematics
Amsterdam Cognitive Ability Battery (Elshout, 1976)---Number Series
Analytical Intelligence Test [Analytischer Intelligenztest / Allgemeine Intelligenz-Test] (AIT; Meili, 1966)---Number Series [Zahlenreihen]
Aptitude Assessment Battery (Ackerman & Kanfer, 1993)---Problem Solving
Armed Services Vocational Aptitude Battery (ASVAB)---Arithmetic Reasoning
Army Alpha---Arithmetic
Army Alpha---Number Completion
Army General Classification Test (AGCT)---Arithmetic Reasoning
Army General Technical Test (AGTT)---Arithmetic Reasoning
Australian Council for Educational Research (ACER) Higher Test PL-PQ---Numeric
Ball Aptitude Battery---Numerical Reasoning
Ball Numerical Reasoning Test---Total
Basic Arithmetic Skills Survey Test and American Council on Education Arithmetic Examination---Section A
Basic Skills Test (BST)---Problem Solving
Birkman Abilities Inventory---Problem Identification---Quantitative
Birkman Abilities Inventory---Problem Solving---Quantitative
Birkman Abilities Inventory---Quantitative
British Cohort Study (1970) (University of London, 2008)---Numeracy
Cardall Arithmetical Reasoning Test (no citation given by Barrows & Zuckerman, 1960)---Total
Clerical Aptitudes (Science Research Associates)---Office Arithmetic Test
College Board Achievement Tests---Advanced Mathematics
College Entrance Examination Board---Mathematics
Comprehensive Test of Basic Skills (no citation given by Chang, 1975)---Arithmetic
Customer Service Applicant Inventory---Applied Math
Drenth Test Series Higher Level (Drenth, Van Wieringen, & Hoolwerf, 2001)---Numerical Series
Dutch Police Intelligence Test (Rijks Psychologische Dienst, 1975)---Numerical Reasoning
Educational Testing Service (ETS)---Arithmetic Reasoning
Educational Testing Service (ETS)---Mathematics
Educational Testing Service (ETS)---Mathematics Aptitude
Employee Aptitude Survey (EAS)---Numerical Reasoning (EAS 6)
English Longitudinal Study---Numeracy
ESA (Pearson)---Estimation
ESA (Pearson)---Numerical Reasoning
Estonian Cognitive Ability Scale (Pulver, 1999)---Mathematical Abilities
Finnish Defence Forces Basic Ability Test---Arithmetic Ability
Gauss Mathematics Contest (Center for Education in Mathematics and Computing, 2007)---Total
General Ability Battery (GAB)---Numerical
General Ability Tests (GAT; Smith & Whetton, 1988)---Numerical Reasoning
General Aptitude Test Battery (GATB)---Arithmetic Reasoning
General Reasoning Test (Budd, 1993)---Numerical Reasoning
General School Abilities Test (College Entrance Examination Board, 1976)---Math
Graduate and Managerial Assessment (Blinkhorn, 1985)---Numerical Reasoning
Guilford-Zimmerman Aptitude Survey---General Reasoning
Health and Retirement Study (2013)---Number Series (Woodcock-Johnson Revised adaptation)
Health and Retirement Study (2013)---Numeracy Intelligence Structure Test---Number Series
Intelligence Structure Test---Numeric
Intelligence Structure Test---Numerical composite
(Number Series, Numerical Calculations, and Signs)
Intelligenz Struktur Analyse (ISA)---Numeric
Kansas University Math (no citation given by Clark, 1968)---Total
Management Graduate Item Bank (Saville & Holdsworth, 1989)---Numerical Critical Reasoning
Mathematical Progressions (no citation given by Caspy, Reisler, & Mendelson, 1987)---Total
McArdle Number Series Task---Total
Multidimensional Aptitude Battery (MAB)---Arithmetic
Multidimensional Aptitude Battery (MAB)---Numerical Ability
Multiple Aptitude Test (no citation given by Sassenrath, 1967)---Arithmetic Reasoning subtests
Navy Basic Test Battery---Arithmetic Reasoning
Navy Classification Battery---Arithmetic Reasoning Test
Normal Number Series (Salthouse & Prill, 1987)---Number Correct
Norwegian Draft Board Assessment of Intellectual Ability---Arithmetic
Norwegian Draft Board Assessment of Intellectual Ability---Number Series
Number Series---Total
Optometry Admission Test (Optometry Admission Testing Program, 1999)---Quantitative Reasoning
Personnel Assessment Form (PAF-R; Sigma Assessments, unpublished, no citation given by Lewis, 2013)---Math (Theta)
PREVUE Ability Scale (Bartram, 1993)---Working with Numbers
Primary Mental Abilities---Number Series
Royal Australian Air Force Groundstaff Test Battery (GTB)---Advanced Mathematics
Royal Australian Air Force Groundstaff Test Battery (GTB)---Basic Mathematics
Saville Selling Skills Series---Data Reasoning Test
SHL Ability Screening Online (ASO)---Online Numerical Test (ONT)
SHL AccessAbility---Numerical
Stanford Achievement Tests---Applied Arithmetic
Stanford Achievement Tests---Arithmetic Concepts
Stanford Achievement Tests---Arithmetic Reasoning
Stanford Test of Academic Skills (STAS), Third Edition---Mathematics
Survey of Health, Ageing and Retirement in Europe (SHARE; Börsch-Supan, Hank, & Jürges, 2005)---Numeracy Score - Mathematical Performance
Swiss military cognitive battery (no citation given by Annen, 2013)---Numeric Test
Test of Hamley (Lee, 1951)---Correspondence-Generalized Number
Test of Hamley (Lee, 1951)---Correspondence-Particular Number
Test of Hamley (Lee, 1951)---Order-Generalized Number
Test of Hamley (Lee, 1951)---Order-Particular Number
The IQ Test (www.allthetests.com/tests/iqtest.php3)---Mathematical Intelligence (Number Series)
Third International Mathematics and Science Study (TIMSS), Short Version---Math Achievement Test
Thurstone Test of Mental Alertness---Quantitative composite (Arithmetic and Number Series)
Vangent Retail Management Assessment Inventory---Managerial Arithmetic
Wesman Personnel Classification Test (WPCT)---Arithmetic Problems
Wesman Personnel Classification Test (WPCT)---Numerical Ability
Wesman Personnel Classification Test (WPCT)---Quantitative Skills
Wilde Intelligence Test 2 [Wilde-Intelligenz-Test 2] (WIT-2; Kersting, Althoff, & Jäger, 2008)---Number Sequences
Woodcock-Johnson---Calculation
Work Skills Series Production (SHL)---Working with Numbers

11+ Moray House IQ Test---Total
11+ Moray House IQ Test---Verbal Reasoning
Admiralty Interview Board Measures (no citation given by Beadle, 2011)---Numeracy Test (SP225)
Air Defense Task Performance (Hattrup, 1998)---Total Performance
Air Force Officer Qualifying Test---Total
Alice Heim---Total
American College Test (ACT)---composite (English and Reading)
American College Test (ACT)---Natural Science
American College Test (ACT)---Science Reasoning
American College Test (ACT)---Social Science
American College Test (ACT)---Total composite (Comprehension, English, and Math)
American College Test (ACT)---Total composite (English, Mathematics, Reading, and Science Reasoning)
American College Test (ACT)—Total composite (English, Mathematics, Science Reasoning, and Social Science)

American College Test (ACT)/Scholastic Aptitude Test (SAT)—composite (Natural Sciences (American College Test (ACT)) and Verbal (Scholastic Aptitude Test (SAT)))

American College Test (ACT)/Scholastic Aptitude Test (SAT)—Total (Quantitative and Verbal)

American College Test (ACT)/Scholastic Aptitude Test (SAT)—Verbal composite (Analogies, Antonyms, Diction and Style, English Punctuation, Grammar, Logic and Organization, Sentence Completion, Reading Comprehension, and Sentence Structure)

American Council on Education Psychological Examination—Total

American Council on Education Psychological Examination—Total composite (Linguistic and Quantitative)

Amsterdam Cognitive Ability Battery (Elshout, 1976)—Total

Analytical Intelligence Test [Analytischer Intelligenztest / Allgemeine Intelligenz-Test] (AIT; Meili, 1966)—AIT Average [AIT-Mittel]

Aptitude Assessment Battery (Ackerman & Kanfer, 1993)—Verbal Ability

Armed Forces Qualification Test (AFQT)—Total

Armed Services Vocational Aptitude Battery (ASVAB)—composite (Arithmetic Reasoning, Auto & Shop Information, Electrical Information, General Science, and Mechanical Comprehension)

Armed Services Vocational Aptitude Battery (ASVAB)—composite (Arithmetic Reasoning, Coding Speed, Mathematics Knowledge, Paragraph Comprehension, and Word Knowledge)

Armed Services Vocational Aptitude Battery (ASVAB)—Clerical

Armed Services Vocational Aptitude Battery (ASVAB)—Electronics

Armed Services Vocational Aptitude Battery (ASVAB)—Field Artillery

Armed Services Vocational Aptitude Battery (ASVAB)—General Cognitive Ability

Armed Services Vocational Aptitude Battery (ASVAB)—General Technical

Armed Services Vocational Aptitude Battery (ASVAB)—Total

Army Alpha—Total

Army General Classification Test (AGCT)—Combined Intelligence Measure composite (Arithmetic Reasoning, Pattern Analysis, and Reading/Vocabulary)

Army General Classification Test (AGCT)—composite (mathematical and verbal)

Army General Classification Test (AGCT)—General Score composite (Numerical Ability, Spatial Ability, and Verbal Ability)

Army General Classification Test (AGCT)—Total

Army General Classification Test (AGCT)—Total Civilian composite (Arithmetic Work Problems, Block Counting, and Vocabulary)

Army General Technical Test (AGTT)—Total

Australian Council for Educational Research (ACER) AL Test—Verbal

Australian Council for Educational Research (ACER) B40 Advanced Test—Total

Australian Council for Educational Research (ACER) Higher Test PL-PQ—Verbal

Ball Aptitude Battery—g (first principal component of 12 scales)

Ball Aptitude Battery—General Intelligence (g)

Basic Skills Test (BST)—Total

Berlin Intelligence Structure Test—General Mental Ability

British Cohort Study (1970) (University of London, 2008)—Literacy

California Test of Mental Maturity (Sullivan, Clark, & Tiegs, 1950) / California Test of Mental Maturity - Short Form—Total

Canadian Dental Aptitude Test (DAT)—Academic Average

Canadian Forces Aptitude Test (CFAT)—Total Score

Canadian Forces General Classification Test—Total

Civil Service Exam (CSE; no citation given by Palmatier, 1996)—Total

Cognitive Abilities Test 4-13 [Kognitiver Fähigkeitstest; KFT-Ergebnisse] (Heller, Schön-Gaedike, & Weinläder, 1976, 1985)—Total

Cognitive Ability Test (KFT4-12+R; Heller & Perleth, 2000)—g

Component Processes Task (Hannon & Daneman, 2001)—High-Knowledge Integration

Computerized Assessment System (COMPAS; Drasgow, Keenan, Olson, Moberg, & Mead, 1991)—Administrative Decision Making

Computerized Assessment System (COMPAS; Drasgow, Keenan, Olson, Moberg, & Mead, 1991)—Verbal

Cooperative Personnel Service (no citation given by Hilliard, 2000)—Written Test

Draw-a-person Test (DAP; Witkin, Dyk, Faterson, Goodenough, & Karp, 1962)—Total

Ennis-Weir Critical Thinking Essay Test (Ennis & Weir, 1985)—Total
Cognitive Ability Constructs and Measures

Ferrell’s Test of Test-Wiseness---Deductive Reasoning Strategies and Cue-Using Strategies
General Ability Battery (GAB)---Total
General Aptitude Test Battery (GATB)---Intelligence (g)
General Aptitude Test Battery (GATB)---Total
General Mental Ability Test (Jalota, 1976)---Total
General Reasoning Test (Budd, 1993)---Verbal Reasoning
Graduate Management Admission Test (GMAT)---Total
Graduate Management Admission Test (GMAT)---Total (Quantitative and Verbal)
Hamburg-Wechsler-Intelligenztest für Erwachsene---Mathematical Thinking [Rechnerische Denken]
Hamburg-Wechsler-Intelligenztest für Erwachsene---Plot Scale [Handlungssehne]
Hamburg-Wechsler-Intelligenztest für Erwachsene---Total Scale [Gesamtskala]
Hamburg-Wechsler-Intelligenztest für Erwachsene---Verbal Scale [Verbalskala]
Henmon Nelson---Total
Henmon Nelson---Verbal Ability
Hogan Business Reasoning Inventory---Total
Indiana Statewide Testing for Educational Progress---Cognitive Skills Index (CSI)
Indiana Statewide Testing for Educational Progress---composite (English Language, Mathematics, and Reading)
Intelligence Structure Test---Total
Inter-University Psychometric Entrance Test (no citation given by Zeidner, 1990 or 1991)---Mathematics
Iowa Tests of Educational Development---composite (Ability to Do Quantitative Thinking, Ability to Interpret Literature, Ability to Interpret Reading Materials in Social Studies, Ability to Interpret Reading Materials in Natural Sciences, Correctness and Appropriateness of Expression, General Background in the Natural Sciences, General Vocabulary, Understanding of Basic Social Concepts, and Use of Source Materials)
Kaufman Adolescent and Adult Intelligence Test (KAIT)---Mental Status
Kaufman Adolescent and Adult Intelligence Test (KAIT)---Total IQ
Kaufman Brief Intelligence Test (K-BIT; Kaufman & Kaufman, 1990)---Total
Korean Army General Intelligence Scale (no citation given by Jeung, Harms, & Paterson, 2013)---Total
Kuhlmann-Anderson IQ Test---Total
Kyodai NX Test (Osaka & Umemoto, 1953)---Total
Law School Admission Test (LSAT)---Total
Leistungsprüfsystem (LPS; Horn, 1962)---Processing Complex Information [Verarbeitung Komplexer Information]
Leistungsprüfsystem (LPS; Horn, 1962)---Total
Literacy Assessment (Ekinsmyth & Byrner, 1994)---Total
Lorge-Thorndike IQ Test---Total
Lorge-Thorndike IQ Test---Verbal Battery (Arithmetic Reasoning, Sentence Completion, Verbal Analogy, Verbal Classification, and Vocabulary)
Lorge-Thorndike IQ Test---Verbal Scale
Mattis Dementia Rating Scale, 2nd Edition (Jurica, Leitten, & Mattis, 2001)---Total
Medical College Admission Test (MCAT)---Total
Medical College Admission Test (MCAT)---Verbal
MIDUS II Brief Test of Adult Cognition by Telephone (BTACT)---General Cognition Factor
Mini-Mental State Examination (MMSE)---Total
Montreal Cognitive Assessment (MoCA; Nasreddine, Phillips, Bédirian, Charbonneau, Whitehead, Collin, Cummings, & Chertkow, 2005)---Total
Moray House Verbal Reasoning Test---Total
Multidimensional Aptitude Battery (MAB)---g
Multidimensional Aptitude Battery (MAB)---Nonpictorial
Multidimensional Aptitude Battery (MAB)---Total
National College Entrance Examination [China]---Total
National Education Longitudinal Study (NELS 1988) (US Department of Education, 1988)---Standardized Test composite (Math and Reading)
National Institute of Industrial Psychology---Verbal Ability Test (GT90A)
National Merit Scholarship Qualifying Test---composite (English, Mathematics, Natural Science, Social Studies, and Vocabulary)
National Teacher Examination (American Council on Education, 1940)---composite (Area Tests and Common Tests)
National Teacher Examination (American Council on Education, 1940)---Weighted Common Examinations Total
Naval General Classification Test---Total
Navy Basic Test Battery---General Classification Test (Verbal Ability)
Navy Basic Test Battery---Verbal Aptitude
Navy Verbal--Numerical Test (no citation given by Fleishman, 1996)---Total
Netherlands Primary Education Final Test (National Institute for Educational Measurement; Cito Groep, 1999)---Total composite (Arithmetic, Information Processing, and Language)
New South Wales Department of Education and Training Intelligence Test---Total composite (Verbal Ability (Language Achievement, Reading Achievement, and Writing Achievement) and Numerical Ability (Data, Measurement, Number, Numeracy Problem Solving, and Space))
Ohio State Psychological Examination---composite (Analogies, Reading Comprehension, and Same--Opposite)
Ohio State Psychological Examination---Total
Ohio State University College Entrance Examination (no citation given by Patrick & Rowles, 1933)---Total
Otis---Advanced Level
Otis---Beta Test / Beta Test (Short Form)
Otis---Gamma Test
Otis---Higher Examination, Form A
Otis---Total
Personnel Assessment Form (PAF-R; Sigma Assessments, unpublished, no citation given by Lewis, 2013)---Verbal (Theta)
Preliminary Scholastic Aptitude Test (PSAT)/Scholastic Aptitude Test (SAT)---Math
Preliminary Scholastic Aptitude Test (PSAT)/Scholastic Aptitude Test (SAT)---Quantitative
Preliminary Scholastic Aptitude Test (PSAT)/Scholastic Aptitude Test (SAT)---Social Science
Preliminary Scholastic Aptitude Test (PSAT)/Scholastic Aptitude Test (SAT)---Total (Quantitative and Verbal)
PREVUE Ability Scale (Bartram, 1993)---Working with Words
Primary Mental Abilities---Total
Queensland Core Skills Test (Queensland Studies Authority, 2003)---Total
Royal Military Academy Sandhurst Measure (Allender & Greig, 2000)---Overall Academic and Military Scores composite (Communication Skills, Defence International Affairs, Military Knowledge, Military Technical, Range Management Qualification, Signals, and Written Skills)
School and College Ability Test (SCAT)---Quantitative
School and College Ability Test (SCAT)---Total Score (Quantitative and Verbal)
Science Research Associates Achievement Tests (SRA)---composite (Mathematics and Reading)
Science Research Associates Achievement Tests (SRA)---Educational Ability Series (EAS)
Science Research Associates Achievement Tests (SRA)---Mathematics
Shipley Institute of Living Scale--First Principal Component of Abstraction and Verbal
Shipley Institute of Living Scale---IQ
Shipley Institute of Living Scale---Total
Short Form Test of Academic Aptitude (SFTAA; California Testing Bureau, 1970/Sullivan, Clark, & Tieg, 1970)---Total
Singapore Nationwide Examinations (no citation given by Chan & Drasgow, 2001 or Ng, Ang, & Chan, 2008)---Total
Slosson Intelligence Test (SIT)---Total
Stanford Achievement Tests---composite (Arithmetic Computation, Arithmetic Reasoning, Dictation, Geography, History and Civics, Language Usage, Literature, Paragraph Meaning, Physiology and Hygiene, and Word Meaning)
Stanford Achievement Tests---composite (Language, Mathematics, and Reading)
Stanford-Binet---General Mental Ability
Teachers College General Examination (Pintner, 1932)---Total
Telephone Interview for Cognitive Status (Health and Retirement Study, 2013)---Total
Terman Concept Mastery Test---Total
Terman-McNemar Test of Mental Ability---Total
TerraNova 2nd Edition Achievement Test---composite (Language, Math, and Reading)
Test of Educational Ability Level 2 (TEA-2; Science Research Associates, 1963)---Verbal
Test of Scholastic Abilities (TOSCA; Reid, Jackson, Gilmore, & Croft, 1981)---Total
Thomas Tests for Selection and Training---Total
Thorndike College Aptitude Test (no citation given by Tinsley, 1931)---Total
Thorndike Intelligence Examination for High School Graduates (no citation given by Flemming, 1928; Herrington, 1928; or Broom, 1930)---Total
University of Utah Intelligence Test (no citation given by Hatch, 1934)---Total
Wechsler Intelligence Scale---Arithmetic
Wechsler Intelligence Scale---Total
Wechsler Intelligence Scale---Verbal IQ (Arithmetic, Comprehension, Digit Span, Information, Similarities)
Wechsler Intelligence Scale---Verbal IQ (Arithmetic, Comprehension, Digit Span, Information, Similarities, Vocabulary)
Wilde Intelligence Test 2 [Wilde-Intelligenz-Test 2] (WIT-2; Kersting, Althoff, & Jäger, 2008)---Processing Emails
Wonderlic Personnel Test (WPT)---Total
Woodcock-Johnson---General Intellectual Ability
WorkKeys Foundational Skills System (ACT, 2006)---composite (Applied Mathematics and Reading for Information)
Zyve Scientific Aptitude Test (Zyve, 1927)---Total
Memory


Computerized Memory Function Test [Computerunterstützter Gedächtnis-Funktionstest] (Perrig, Hofer, Kling, Meier, Perrig, Ruch, & Serafin, 1994)---Recognition

Consortium to Establish a Registry for Alzheimer’s Disease (CERAD)---composite (Animal Naming, Delayed Word List Recall, and Immediate Word List Recall)

English Longitudinal Study---Total Cognitive Index composite (Executive and Memory)

Intelligenz Struktur Analyse (ISA)---Memory Leistungsprüfsystem (LPS; Horn, 1962)---Memory [Gedächtnis]

Rey Auditory Verbal Learning Test---Total

Wechsler Memory Scale---Total

Memory--Long Term Storage and Retrieval

Berlin Intelligence Structure Test---Memory composite (City Map, Paired Associates, and Story)

Comprehensive Test of Creative Thinking (Dev, 1993)---Verbal composite (Associational Fluency, Ideational Fluency, Plot Titles, Product Improvement, Remote Consequences, Unusual Uses, and Word Fluency)

Divergent Thinking Battery (Parisi, Stine-Morrow, Noh, & Morrow, 2009)---composite (Alternate Uses, FAS, Opposites, Ornamentation, Substitute Uses, and Word Association)

English Longitudinal Study---Memory Function Index

English Longitudinal Study---Prospective Memory Event Cued Prospective Memory (Uttl, White, Wong Gonzalez, McDouall, & Leonard, 2013)---Total

Guilford Creativity Battery---composite (Match Problems, Planning Elaborations, Plot Titles, Seeing Problems, Simile Insertions, Simile Interpretations, Suffixes, Topics, and Utilities)

Kaufman Adolescent and Adult Intelligence Test (KAIT)---Rebus Learning

Structure of Intellect (Guilford & Hoepfner, 1966)---Semantic Divergence

Wisconsin Longitudinal Study (Hauser & Sewell, 2013)---Delayed Word List Recall (Number Correct)

Woodcock-Johnson---Long-Term Retrieval

Memory--Long Term Storage and Retrieval---Learning Efficiency

Comprehensive Ability Battery (CAB)---Spontaneous Flexibility

Concept Identification Task (Levine, 1966) adaptation---Total

Consortium to Establish a Registry for Alzheimer’s Disease (CERAD) 10 Word List---Recognition

Mexican Health and Aging Study (MHAS, 2013)---Delayed Verbal Recall (Lists A and B)

Rey Auditory Verbal Learning Test---Recognition

Rivermead Behavioural Memory Test (Wilson, Cockburn, Baddeley, & Hiorns, 1989)---Face Recognition

Rivermead Behavioural Memory Test (Wilson, Cockburn, Baddeley, & Hiorns, 1989)---Word Recognition

Schaie-Thurstone Adult Mental Abilities Test (Schaie, 1985)---Delayed Recognition Score

Serial Reaction Time (SRT) Learning (Kaufman, 2009)---Implicit Learning

Serial Reaction Time (SRT) Learning Task (adapted from Kaufman, DeYoung, Gray, Jimenez, Brown, & Mackintosh, 2010)---Total SRT Learning Score

Text Recall Measures (Lorch & Lorch, 1996)---Overall Recall

Wechsler Memory Scale---Faces II

Memory--Long Term Storage and Retrieval---Learning Efficiency---Associative Memory

Associative Learning---composite (3-Term Contingency Learning and Paired-Associates Learning)

Ball Aptitude Battery---Associative Memory

Chicago Test of Primary Mental Abilities (Thurstone & Thurstone, 1943)---Memory

Comprehensive Ability Battery (CAB)---Associative (or Rote) Memory

Conditional Association Task (CAT; Petrides, 1985)---Total Trials+Total Errors (Square Root Transformed)

Face-Name Recall Assessment (modified; Yesavage & Rose, 1983)---Face--Name Recall

High School and Beyond Test Battery (National Center for Education Statistics, 2006)---Picture--Number

Kaufman Adolescent and Adult Intelligence Test (KAIT)---Rebus Delayed Recall

Names and Faces (Plomin & Kuse, 1975; no citation information given by DeFries, Plomin, Vandenberg, & Kuse, 1981)---Immediate Association
Paired-Associate Recall Test (Kleinsmith & Kaplan, 1964)---Control Immediate (2 Minutes After Learning)
Paired-Associates Learning (Williams & Pearlberg, 2006)---Number Correct
Primary Mental Abilities---Memory
Three-Term Contingency Learning (Williams & Pearlberg, 2006)---Total
Wechsler Memory Scale---Associate Learning

Memory--Long Term Storage and Retrieval---Learning Efficiency----Episodic Memory

MIDUS II Brief Test of Adult Cognition by Telephone (BTACT)---Episodic Memory

Memory--Long Term Storage and Retrieval---Learning Efficiency----Free Recall Memory

15-Words test (Rey, 1964)---Delayed Recall After 20 Minutes
California Verbal Learning Test (CVLT; Delis, Kramer, Kaplan, & Ober, 1987)---Long Delay Recall
Computerized Memory Function Test [Computerunterstützter Gedächtnis-Funktions-Test] (Perrig, Hofer, Kling, Meier, Perrig, Ruch, & Serafin, 1994)---Free Recall
Consortium to Establish a Registry for Alzheimer’s Disease (CERAD) 10 Word List---Delayed Recall (Proportion Correct)
English Longitudinal Study---Delayed Word Recall
Free Recall Memory Task (Gordon, no date given by Whitbourne, 1976)---Total
Health and Retirement Study (2013)---Delayed Recall (2012)
Kaufman Adolescent and Adult Intelligence Test (KAIT)---Auditory Delayed Recall
National Child Development Study (1958) (University of London, 2013)---Word List Delayed Recall
Paired-Associate Recall Test (Kleinsmith & Kaplan, 1964)---Control Delayed (1 Day After Learning)
Primary Mental Abilities---Picture Memory
Revised Hopkins Verbal Learning Test (Benedict, Schretlen, Groninger, & Brandt, 1998)---Cued

Revised Hopkins Verbal Learning Test (Benedict, Schretlen, Groninger, & Brandt, 1998)---Delay
Rey Auditory Verbal Learning Test---Delayed Recall
Rey Complex Figure---Delayed Memory
Survey of Health, Ageing and Retirement in Europe (SHARE; Börsch-Supan, Hank, & Jürges, 2005)---Ten Words List Learning Delayed Recall Total
Thurstone Picture Memory (Dureman-Sälde Battery (Dureman, Keebon, & Österberg, 1971))---Total
Wechsler Memory Scale---Delayed Memory
Wechsler Memory Scale---Free Recall
Wisconsin Longitudinal Study (Hauser & Sewell, 2013)---Word List Delayed Recall

Memory--Long Term Storage and Retrieval---Learning Efficiency----Long Term Visual Memory

Hawaii Family Study of Cognition Battery---Delayed Visual Memory

Memory--Long Term Storage and Retrieval---Learning Efficiency----Meaningful Memory

Army Alpha---Disarranged Sentences
Comprehensive Ability Battery (CAB)---Meaningful Memory
Wechsler Memory Scale---Logical Memory

Memory--Long Term Storage and Retrieval---Retrieval Fluency

Alternate/Unusual Uses---composite (from principal components analysis of Alternate Uses Test items)
Alternate/Unusual Uses---Total
Christensen-Guilford Tests---composite (Associational Fluency, Consequences, Expressional Fluency, Ideational Fluency, and Word Fluency)
Christensen-Guilford Tests---Total Creativity composite (Alternate Uses, Associational Fluency, Consequences, Expressional Fluency, Ideational Fluency, & Word Fluency)
Guilford Creativity Battery---Total
Health and Retirement Study (2013)---Basic Cognition
Health and Retirement Study (2013)---Prospective Memory
Selective Reminding Test (Grober, Buschke, Crystal, Bang, & Dresner, 1988)---Free Recall
Cognitive Ability Constructs and Measures

Torrance Tests of Creative Thinking (TTCT)---Total
Torrance Tests of Creative Thinking (TTCT)---Total composite (Ask-and-Guess Activities 1, 2, and 3 and Incomplete Figures Activity)
Torrance Tests of Creative Thinking (TTCT)---Verbal

Memory--Long Term Storage and Retrieval---Retrieval Fluency---Associational Fluency

Christensen-Guilford Tests---Associational Fluency
Controlled Associations (Guilford, Christensen, Frick, & Merrifield, 1957)---II
Controlled Associations (Guilford, Christensen, Frick, & Merrifield, 1957)---IIIa
Divergent Thinking (Guilford & Merrifield, 1960)---Associational Fluency
Divergent Thinking (Guilford & Merrifield, 1960)---Possible Jobs
Draw Figures Test (Jones-Gotman & Milner, 1977)---Quality of Designs
Educational Testing Service (ETS)---Association Fluency I [Assoziationsflüssigkeit I FA-2]
Educational Testing Service (ETS)---Association Fluency IV [Assoziationen IV FA-3]
Educational Testing Service (ETS)---Controlled Associations [Kontrollierte Assoziationen FA-1]
Educational Testing Service (ETS)---Inventive Opposites
Educational Testing Service (ETS)---Symbol Production
Educational Testing Service (ETS)---Verbal Fluency composite (Controlled Associations, Figures of Speech, and Opposites)
English Longitudinal Study---Executive Function Index (Fluency)
Primary Mental Abilities---Inventive Opposites
Similar Words (no citation given by Merrifield, Gardner, & Cox, 1964)---Total
Structure of Intellect (Guilford & Hoepfner, 1966)---Associational Fluency
Word Association (Guilford)---Total

Memory--Long Term Storage and Retrieval---Retrieval Fluency---Expressional Fluency

Berlin Intelligence Structure Test---Creativity composite (Drawing Object, Masselon, and Telephone Numbers)
Christensen-Guilford Tests---Expressional Fluency
Compounding Words II (Taylor, Ghiselin, & Yagi, 1967)---Quality of Sound Patterns
Divergent Thinking (Guilford & Merrifield, 1960)---Simile Insertions
Educational Testing Service (ETS)---Expressional Fluency FE-1
Educational Testing Service (ETS)---Simile Interpretation FE-2
Educational Testing Service (ETS)---Word Arrangement FE-3
Sentence Building (Taylor, Ghiselin, & Yagi, 1967)---Total Sentences
Similes I (Carroll, no date, cited by Taylor, Ghiselin, & Yagi, 1967)---Total Acceptable Similes
Similes II (Taylor, Ghiselin, & Yagi, 1967)---Acceptable Responses
Structure of Intellect (Guilford & Hoepfner, 1966)---Expressional Fluency

Memory--Long Term Storage and Retrieval---Retrieval Fluency---Figural Fluency

Cattell (Cattell, 1936)---Cattell Figures [Cattell Zeichnung]
Draw Figures Test (Jones-Gotman & Milner, 1977)---Number of Designs
Ruff Figural Fluency (RFF; Ruff, Light, & Evans, 1987)---Total Unique Designs
Test of Creative Thinking (Urban & Jellen, 1996; Matczak, Jaworowska, & Staniczak, 2000)---Drawing Production
Torrance Tests of Creative Thinking (TTCT)---Circles Task

Memory--Long Term Storage and Retrieval---Retrieval Fluency---Ideational Fluency

Alternate/Unusual Uses (Guilford, Christensen, Frick, & Merrifield, 1957)---Fluency
Alternate/Unusual Uses and Instances---Fluency
Alternate/Unusual Uses---Fluency
American Haiku Task (Amabile, 1985)---Total
Ball Aptitude Battery---Idea Generation
Ball Aptitude Battery---Ideophobia
Brick Uses (Guilford)---Ideational Fluency
Cattell (Cattell, 1936)---Cattell Words [Cattell Wörter]
Christensen-Guilford Tests---Ideational Fluency
Compounding Words II (Taylor, Ghiselin, & Yagi, 1967)---Total Compound Words
Comprehensive Ability Battery (CAB)---Ideational Fluency
Consequences (Guilford)---Ideational Fluency
Consequences Test (Guilford, Christensen, Merrifield, & Wilson, 1978)---Number of Responses
Consequences Test---Ideational Fluency
Creativity Test (Wallach & Kogan, 1965)---Instances (Fluency)
Creativity Test (Wallach & Kogan, 1965)---Line Meanings (Fluency)
Creativity Test (Wallach & Kogan, 1965)---Pattern Meanings (Number)
Divergent Thinking---Fluency
Educational Testing Service (ETS)---Consequences, Numbers [Folgen O-3 Zahl]
Educational Testing Service (ETS)---Idealational Fluency
Educational Testing Service (ETS)---Seeing Problems
Educational Testing Service (ETS)---Theme FI-2
Educational Testing Service (ETS)---Topics [Themen-Test FI-1]
Educational Testing Service (ETS)---Utility, Numbers [Verwendungs möglichkeiten XS-1 Zahl]
Guilford Creativity Battery (Guilford, Frick, Christensen, & Merrifield, 1957)---Brick Uses Number [Ziegelsteinmenge]
Guilford Utility Test---Divergent Thinking
Guilford Utility Test---Fluency
Hawaii Family Study of Cognition Battery---Things
Making a Plan (no citation given by Merrifield, Gardner, & Cox, 1964)---Planning Elaboration
Remote Associations Test---Creativity
Remote Associations Test---Total
Structure of Intellect (Guilford & Hoepfner, 1966)---Idealational Fluency
Structure of Intellect (Guilford & Hoepfner, 1966)---Spontaneous Flexibility
Things Categories Test (TCT; Cattell & Taylor, 1962)---composite (Part 1 and Part 2)
Things Categories Test (TCT; Cattell & Taylor, 1962)---Part 1
Things Categories Test (TCT; Cattell & Taylor, 1962)---Part 2
Topics (Cattell)---Idealational Fluency
Topics (Cattell)---Total
Torrance Tests of Creative Thinking (TTCT)---Asking Questions Fluency
Torrance Tests of Creative Thinking (TTCT)---Consequences Fluency
Torrance Tests of Creative Thinking (TTCT)---Fluency composite (Ask-and-Guess Activities 1, 2, and 3)
Torrance Tests of Creative Thinking (TTCT)---Uses Wisconsin Longitudinal Study (Hauser & Sewell, 2013)---Category Fluency (Total Number of Scored Words Named)
Word Association Test (Getzels & Jackson, 1962)---Association Fluency (Total Number of Different Meanings)
Word List Generation Test (no citation given by Irwing, Booth, Nyborg, & Rushton, 2012)---Total

Memory---Long Term Storage and Retrieval---Retrieval Fluency---Naming Facility/Speed of Lexical Access
Animal Naming Test (Goodglass & Kaplan, 1983)---Fluency
Animal Naming Test---Total
Berlin Intelligence Structure Test---Part--Whole
Boston Naming Test (Kaplan, Goodglass, & Weintraub, 1983)---Total
Dutch Adult Reading Test (Schmand, Bakker, Saan, & Louman, 1991)---Total
Educational Testing Service (ETS)---Object Naming, Categories [Gegenstande Nennen XS-3 Kat]
Educational Testing Service (ETS)---Object Naming, Numbers [Gegenstande Nennen XS-3 Zahl]
English Longitudinal Study---Orientation to the Date
Health and Retirement Study (2013)---Animal Naming (Mistakes) (2012)
Health and Retirement Study (2013)---Orientation to the Date
Mexican Health and Aging Study (2003)---Orientation to the Date
Mexican Health and Aging Study (2012)---Animal Naming Test (Number of Animals Named)
MIDUS II Brief Test of Adult Cognition by Telephone (BTACT)---Animal Naming (Total Unique Items)
Mini-Mental State Examination (MMSE)---Orientation to the Date
Naming Names (Carroll, no date, cited by Taylor, Ghiselin, & Yagi, 1967)---Total Number
Naming States (Carroll, no date, cited by Taylor, Ghiselin, & Yagi, 1967)---Total Number
National Child Development Study (1958) (University of London, 2013)---Animal Naming
Picture Memory Test (The Irish Longitudinal Study on Ageing (TILDA), 2014)---Acquisition
Picture Memory Test (The Irish Longitudinal Study on Ageing (TILDA), 2014)---Recognition
Science Research Associates Adaptability Test (Tiffin & Lawshe, 1954)---Intelligence
Survey of Health, Ageing and Retirement in Europe (SHARE; Börsch-Supan, Hank, & Jürges, 2005)---Orientation to the Date
Survey of Health, Ageing and Retirement in Europe (SHARE; Börsch-Supan, Hank, & Jürges, 2005)---Verbal Fluency

Memory---Long Term Storage and Retrieval---Retrieval Fluency---Originality/Creativity
Alternate/Unusual Uses (Guilford, Christensen, Frick, & Merrifield, 1957---Flexibility
Alternate/Unusual Uses and Instances---Originality
Alternate/Unusual Uses---Divergent Thinking / Flexibility / Originality
Alternate/Unusual Uses---Total Acceptable Responses Belonging to Different Classes of Uses
Berlin Intelligence Structure Test---Creativity
Brick Uses (Guilford)---Spontaneous Flexibility composite (Consequences of Unusual Events and Unusual Uses Test)---Originality
Compounding Words II (Taylor, Ghiselin, & Yagi, 1967)---Originality of Compound Words
Comprehensive Ability Battery (CAB)---Originality
Consequences (Guilford)---Originality
Consequences of Unusual Events---Flexibility
Consequences Test (Guilford, Christensen, Frick, & Merrifield, 1957)---Remote Consequences/Originality
Consequences Test---Flexibility / Remote Consequences / Originality
Consequences Test---Obvious Consequences
Creative Thinking Aptitudes Convergent Production Tests---Gestalt Transformations
Creativity Test (Wallach & Kogan, 1965)---Instances (Uniqueness)
Creativity Test (Wallach & Kogan, 1965)---Line Meanings (Uniqueness)
Creativity Test (Wallach & Kogan, 1965)---Pattern Meanings (Uniqueness)
Creativity Test (Wallach & Kogan, 1965)---Similarities (Uniqueness)
Creativity Test (Wallach & Kogan, 1965)---Uses (Uniqueness)
Divergent Thinking (Carson, Peterson, & Higgins, 2003)---Divergent Thinking composite (Flexibility, Fluency, and Originality)
Divergent Thinking (Guilford & Merrifield, 1960)---Consequences Obvious
Divergent Thinking (Guilford & Merrifield, 1960)---Consequences Remote
Divergent Thinking (Guilford & Merrifield, 1960)---Plot Titles High Quality
Divergent Thinking (Guilford & Merrifield, 1960)---Plot Titles Low Quality
Divergent Thinking---Creativity
Divergent Thinking---Flexibility
Divergent Thinking---Originality
Educational Testing Service (ETS)---Plot Titles [Überschriften Finden O-1]
Educational Testing Service (ETS)---Utility, Categories [Verwendungsmöglichkeiten XS-1 Kat]
Guilford Creativity Battery (Guilford, Frick, Christensen, & Merrifield, 1957)---Brick Uses Categories [Ziegelsteinkategorien]
Guilford Creativity Battery---Unusual Uses
Guilford Unusual Uses---Alternate/Unusual Uses
Guilford Utility Test---Spontaneous Flexibility
Guilford Utility Test---Originality
Insight Test (Matthew, Beckman, & Sternberg, 2008)---Mental Flexibility composite (Fixx, 1972; Metcalfe, 1986; Seifert & Patalano, 1991; Sternberg & Davidson, 1982; and Weisberg, 1988)
Leistungsprüfsystem (LPS; Horn, 1962)---Ideational Fluency
Plot Titles (Guilford)---Originality
Plot Titles (no citation given by Merrifield, Gardner, & Cox, 1964)---High Cleverness
Plot Titles (no citation given by Merrifield, Gardner, & Cox, 1964)---Low Cleverness
Project TALENT Battery---Creativity
Similes I (Carroll, no date, cited by Taylor, Ghiselin, & Yagi, 1967)---Total High Quality
Similes Structure of Intellect (Guilford & Hoepfner, 1966)---Originality
Topics (Cattell)---Number of Category Changes
Torrance Tests of Creative Thinking (TTCT)---Consequences Scale
Torrance Tests of Creative Thinking (TTCT)---Flexibility
Torrance Tests of Creative Thinking (TTCT)---Flexibility composite (Ask-and-Guess Activities 1, 2, and 3 and Incomplete Figures Activity)
Torrance Tests of Creative Thinking (TTCT)---Incomplete Figures Activity Elaboration
Torrance Tests of Creative Thinking (TTCT)---Originality
Torrance Tests of Creative Thinking (TTCT)---Originality composite (Ask-and-Guess Activities 1, 2, and 3 and Incomplete Figures Activity)
Ways to Use It (no citation given by Merrifield, Gardner, & Cox, 1964)---Utility Test

Memory--Long Term Storage and Retrieval---Retrieval Fluency---Sensitivity to Problems and Alternate Solutions

Creativity Test (Wallach & Kogan, 1965)---Uses (Number)
Divergent Thinking (Guilford & Merrifield, 1960)---Alternate Uses
Educational Testing Service (ETS)---Alternate Uses
Educational Testing Service (ETS)---Alternate Uses, Categories [Andere Verwendungsmöglichkeiten XS-2 Kat]
Educational Testing Service (ETS)---Alternate Uses, Numbers [Andere Verwendungsmöglichkeiten XS-2 Zahl]
Educational Testing Service (ETS)---Apparatus [Verbesserungen SEP-1]
Educational Testing Service (ETS)---Deficiency Detection [Mängel Erkennen SEP-3]
Educational Testing Service (ETS)---Questions Generation [Probleme Sehen SEP-2]
List Uses for Common Objects (Locke, 1966)---Practice Trial Number of Uses

Memory--Long Term Storage and Retrieval---Retrieval Fluency----Word Fluency

Chicago Test of Primary Mental Abilities (Thurstone & Thurstone, 1943)---Word Fluency
Christensen-Guilford Tests---Word Fluency
Comprehensive Ability Battery (CAB)---Word Fluency
Controlled Oral Word Generation Test (Lezak, 1995)---Number of FAS Words
Controlled Oral Word Generation Test (Lezak, 1995)---Verbal Fluency (Number of CFL Words)
Divergent Thinking (Guilford & Merrifield, 1960)---Word Fluency
Dutch Police Intelligence Test (Rijks Psychologische Dienst, 1975)---Word Fluency
Educational Testing Service (ETS)---Word Categories [Kategorien FI-3]
Educational Testing Service (ETS)---Word Beginnings [Wortanfangstest FW-2]
Educational Testing Service (ETS)---Word Beginnings and Endings [Wortanfangs und -Endungs FW-3]
Educational Testing Service (ETS)---Word Ending [Wortendungs FW-1]
Educational Testing Service (ETS)---Word Fluency
Employee Aptitude Survey (EAS)---Word Fluency
English Longitudinal Study---Word Fluency
First and Last Letters (Thurstone)---Total
Generate Words Beginning with F, A, S, T, E, and N (Gyurak & Ayduk, 2013)---Number of FASTEN Words
Hawaii Family Study of Cognition Battery---Word Beginning and End
Multilingual Aphasia Examination (Benton & Hamsher, 1976)---Number of FAS Words
Primary Mental Abilities---Word Fluency
Schaie-Thurstone Adult Mental Abilities Test (Schaie, 1985)---Word Fluency

Structure of Intellect (Guilford & Hoepfner, 1966)---Word Fluency
Taylor Test Battery (Taylor, 1947)---Verbal Versatility composite (Letter Star and Similes)
Taylor Test Battery (Taylor, 1947)---Word Fluency composite (First & Last Letters and Suffixes)
Thurstone Word Fluency Test (TWFT; Thurstone, 1938)---Total
Wisconsin Longitudinal Study (Hauser & Sewell, 2013)---Letter Fluency (Total Number of Scored Words Named)
Word Fluency (Christensen & Guilford, 1958b)---Total
Word Fluency (Human Resources Center, University of Chicago, 1961)---Total
Word Fluency (Thurstone & Thurstone, 1949)---Total

Memory--Short Term Memory

Wechsler Memory Scale---Working Memory composite (Number Sequencing and Spatial Span)
Woodcock-Johnson---Short-Term Memory

Memory--Short Term Memory---Attentional Executive Control

Cognitrone (Wagner & Karner, 2001)---Selective Attention
d2 Test---Selective Attention
Letter Factory Test (no citation given by Broach, 2014)---Situation Awareness Score
MIIDUS II Brief Test of Adult Cognition by Telephone (BTACT)---Executive Functioning
MIIDUS II Brief Test of Adult Cognition by Telephone (BTACT)---Stop and Go Switch Task
Peripheral Perception Test (Schuhfried, Prieler, & Bauer, 2002)---Tracking Deviation/Divided Attention
Test Battery for Attentional Performance (Zimmermann & Fimm, 1993)---Alertness (With Warning Tone)
Test Battery for Attentional Performance (Zimmermann & Fimm, 1993)---Alertness (Without Warning Tone)
Test Battery for Attentional Performance (Zimmermann & Fimm, 1993)---Divide Attention (Squares)
Test Battery for Attentional Performance (Zimmermann & Fimm, 1993)---Divide Attention (Tones)

Memory--Short Term Memory---Meaningful Memory

Component Processes Task (Hannon & Daneman, 2001)---Text Memory
Project TALENT Battery---Memory for Sentences
## Memory--Short Term Memory---Memory Span

<table>
<thead>
<tr>
<th>Test</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>15-Words Test (Rey, 1964)</td>
<td>Number of Words Correctly Recalled in Trial 1</td>
</tr>
<tr>
<td>Adult Development and Enrichment Project Test (ADEPT) Battery (Baltes &amp; Willis, 1982) / ADEPT Test Battery Revised</td>
<td>Memory Span</td>
</tr>
<tr>
<td>Automated Working Memory Assessment (AWMA; Alloway, 2007)</td>
<td>Backward Digit Span</td>
</tr>
<tr>
<td>Automated Working Memory Assessment (AWMA; Alloway, 2007)</td>
<td>Forward Digit Span</td>
</tr>
<tr>
<td>Ball Aptitude Battery---Auditory Memory Span</td>
<td></td>
</tr>
<tr>
<td>California Verbal Learning Test (CVLT; Delis, Kramer, Kaplan, &amp; Ober, 1987)</td>
<td>Short Delay Recall</td>
</tr>
<tr>
<td>California Verbal Learning Test (CVLT; Delis, Kramer, Kaplan, &amp; Ober, 1987)</td>
<td>Total Recognition</td>
</tr>
<tr>
<td>California Verbal Learning Test (CVLT; Delis, Kramer, Kaplan, &amp; Ober, 1987)</td>
<td>Total Score</td>
</tr>
<tr>
<td>Cambridge Neuropsychological Test Automated Battery (CANTAB; 2004)</td>
<td>Backward Spatial Span</td>
</tr>
<tr>
<td>Cambridge Neuropsychological Test Automated Battery (CANTAB; 2004)</td>
<td>Forward Spatial Span</td>
</tr>
<tr>
<td>Component Processes Task (Hannon &amp; Daneman, 2001)</td>
<td>Low-Knowledge Integration</td>
</tr>
<tr>
<td>Comprehensive Ability Battery (CAB)---Memory Span</td>
<td></td>
</tr>
<tr>
<td>Consortium to Establish a Registry for Alzheimer’s Disease (CERAD)</td>
<td>10 Word List Immediate Recall</td>
</tr>
<tr>
<td>Corsi Block (Colom, Abad, Rebollo, &amp; Shih, 2005)</td>
<td>Number of Taps Reproduced Appropriately</td>
</tr>
<tr>
<td>CVB Skalen (Jonsson &amp; Molander, 1964)</td>
<td>Digit Span</td>
</tr>
<tr>
<td>Digit Span---Forward</td>
<td></td>
</tr>
<tr>
<td>Digit Span---Short-Term Memory</td>
<td></td>
</tr>
<tr>
<td>Digit Span---Total</td>
<td></td>
</tr>
<tr>
<td>English Longitudinal Study---Immediate Word Recall</td>
<td></td>
</tr>
<tr>
<td>Göteborg Studies of Aging (Marlow &amp; Skoog, 2013)</td>
<td>Digit Span Forward</td>
</tr>
<tr>
<td>Göteborg Studies of Aging (Marlow &amp; Skoog, 2013)</td>
<td>Short Term Memory (Number of Correct Level)</td>
</tr>
<tr>
<td>Hamburg-Wechsler-Intelligenztest für Erwachsene---Repeat Number</td>
<td>Zahlenannahersprechen</td>
</tr>
<tr>
<td>Health and Retirement Study (2013)---Immediate Recall</td>
<td></td>
</tr>
<tr>
<td>Intelligence Structure Test---Memorize Task (Merkauflgaben, ME)</td>
<td></td>
</tr>
<tr>
<td>Jyvaskyla Longitudinal Study of Personality and Social Development</td>
<td>Digit Memory Span Test (Kokko &amp; Lyrya, 2013)---Digit Span Backward</td>
</tr>
<tr>
<td>Mexican Health and Aging Study (2013)---Immediate Verbal Recall</td>
<td>(Lists A and B)</td>
</tr>
<tr>
<td>National Longitudinal Study of Adolescent to Adult Health (Harris, 2009)---Number Recall</td>
<td></td>
</tr>
<tr>
<td>Nuremberg Age Inventory [Nürnberg-Alters-Inventar] (NAI; Oswald &amp; Fleischmann, 1995)</td>
<td>Digit Span Backward</td>
</tr>
<tr>
<td>Nuremberg Age Inventory [Nürnberg-Alters-Inventar] (NAI; Oswald &amp; Fleischmann, 1995)</td>
<td>Digit Span Forward</td>
</tr>
<tr>
<td>Picture Memory Test (The Irish Longitudinal Study on Ageing (TILDA), 2014)---Recall</td>
<td></td>
</tr>
<tr>
<td>Project A (Peterson, Hough, Dunnette, Rosse, Houston, Toquam, &amp; Wing, 1990)---Short-Term Memory composite (Short-Term Memory (Decision Time) and Short-Term Memory (Proportion Correct))</td>
<td></td>
</tr>
<tr>
<td>Project TALENT Battery---Memory for Words</td>
<td></td>
</tr>
<tr>
<td>Revised Hopkins Verbal Learning Test (Benedict, Schretlen, Groninger, &amp; Brandt, 1998)---Total</td>
<td></td>
</tr>
<tr>
<td>Roy Auditory Verbal Learning Test---Immediate Recall</td>
<td></td>
</tr>
<tr>
<td>Roy Auditory Verbal Learning Test---Learning</td>
<td></td>
</tr>
<tr>
<td>Rey Complex Figure---Immediate Memory</td>
<td></td>
</tr>
<tr>
<td>Schaie-Thurstone Adult Mental Abilities Test (Schaie, 1985)---Immediate Recall</td>
<td></td>
</tr>
<tr>
<td>Survey of Health, Ageing and Retirement in Europe (SHARE; Börsch-Supan, Hank, &amp; Jürges, 2005)---Ten Words List Learning First Trial Total</td>
<td></td>
</tr>
<tr>
<td>Verbal Learning Test/Unrelated 20 (Uttl, 2006)---Total Recalled</td>
<td></td>
</tr>
<tr>
<td>Visual Short-Term Retention Task (Neill, 1966)---Total</td>
<td></td>
</tr>
<tr>
<td>Wechsler Intelligence Scale---composite (Alpha Span, Digit Span Backward, and Digit Span Forward)</td>
<td></td>
</tr>
<tr>
<td>Wechsler Intelligence Scale---Digit Span Backward</td>
<td></td>
</tr>
<tr>
<td>Wechsler Intelligence Scale---Digit Span Forward</td>
<td></td>
</tr>
<tr>
<td>Wechsler Intelligence Scale---Digit Span Backward</td>
<td></td>
</tr>
<tr>
<td>Wechsler Intelligence Scale---Digit Span Forward</td>
<td></td>
</tr>
<tr>
<td>Wechsler Intelligence Scale---Digit Span Total composite (Backward and Forward)</td>
<td></td>
</tr>
<tr>
<td>Wechsler Memory Scale---Digit Span Backward</td>
<td></td>
</tr>
<tr>
<td>Wechsler Memory Scale---Digit Span Forward</td>
<td></td>
</tr>
<tr>
<td>Wechsler Memory Scale---Faces I</td>
<td></td>
</tr>
<tr>
<td>Wechsler Memory Scale---Immediate Memory</td>
<td></td>
</tr>
<tr>
<td>Wisconsin Longitudinal Study (Hauser &amp; Sewell, 2013)---immediate Word List Recall (Number Correct)</td>
<td></td>
</tr>
<tr>
<td>Wisconsin Longitudinal Study (Hauser &amp; Sewell, 2013)---Word List Immediate Recall</td>
<td></td>
</tr>
<tr>
<td>Word Memory Test (Hultsch, Hertzog, &amp; Dixon, 1990)---Word Recall</td>
<td></td>
</tr>
</tbody>
</table>
Memory--Short Term Memory---Working Memory Capacity

Auditory Consonant Trigram Test (Brown, 1958)---Total
Automated Operation Span (AOSPAN; Unsworth, Heitz, Schrock, & Engle, 2005)---Total
Dual N-Back Task (Jaeggi, Studer-Luethi, Buschkuehl, Su, Jonides, & Perrig, 2010)---Total
Göteborg Studies of Aging (Marlow & Skoog, 2013)---Digit Span Backward
Health and Retirement Study (2013)---Counting Backwards
Health and Retirement Study (2013)---Serial 7s
Letter N-Back---0 Back True Positive Responses
Letter N-Back---1 Back True Positive Responses
Letter N-Back---2 Back True Positive Responses
Listening Span (Cowan, Elliott, Saults, Morey, Mattox, Hismijatullina, & Conway, 2005)---Working Memory
Location Task (Green, Nuechterlein, & Breitmeyer, 2002)---Backward Masking
Memory-Word List (no citation given by Gale, Deary, Kuh, Huppert, Richards, and HALCyon Study Team, 2010)---Word List
MIDUS II Brief Test of Adult Cognition by Telephone (BTACT)---Backward CountingTotal Number Correct
N-Back (Shelton, Elliott, Hill, Calamia, & Gouvier, 2009)---N-Back
N-Back (Shelton, Elliott, Hill, Calamia, & Gouvier, 2009)---Operation Span
N-Back---D prime
N-Back---D prime (Letter)
N-Back---D prime (Spatial)
N-Back---D prime (Word)
Operation Span (Conway & Engle, 1994)---Total
Operation Span (Durette, 2009)---Storage
Operation Span (Engle, Nations, & Cantor, 1990)---Total
Operation Span (OSPAN; Turner & Engle, 1989)---Total
Operation Span (OSPAN; Unsworth, Heitz, Schrock, & Engle, 2005)---Absolute Operation Span
Operation Span (OSPAN; Unsworth, Heitz, Schrock, & Engle, 2005)---Total
Operation Span (OSPAN; Unsworth, Miller, Lakey, Young, Meeks, Campbell, & Goodie, 2009)---Total
Operation Span (Rosen & Engle, 1998)---Total
Quickie Test Battery (Stankov, 1997)---Temporal Tracking
Reading Span (Daneman & Carpenter, 1980)---Number of Letters Recalled in the Correct Order
Reading Span (Durette, 2009)---Storage
Schaeie-Thurstone Adult Mental Abilities Test (Schaeie, 1985)---Letter Number Sequencing
Schaie-Thurstone Adult Mental Abilities Test (Schaeie, 1985)---Working Memory
Single N-Back Task (Studer-Luethi, Jaeggi, Buschkuehl, & Perrig, 2012)---Total
Survey of Health, Ageing and Retirement in Europe (SHARE; Börsch-Supan, Hank, & Jürges, 2005)---Numeracy Subtraction Total Symmetry Span (Turner & Engle, 1989)---Total SynWin (Elsmore, 2004) adaptation---Short-Term Memory Accuracy
The Irish Longitudinal Study on Ageing (TILDA; 2014)---Immediate Recall composite (1 and 2)
Wechsler Intelligence Scale---Digit Span Sequencing
Wechsler Intelligence Scale---Letter-Number Sequencing
Wechsler Intelligence Scale---Working Memory
Wechsler Memory Scale---Family Picture I
Wisconsin Longitudinal Study (Hauser & Sewell, 2013)---Digit Ordering
Working Memory (Eysenck, 1985)---Letters Transformation
Working Memory (Eysenck, 1985)---Numbers Transformation
Working Memory (Keio Twin Registry; no citation given by Ando, Shikishima, Kijima, Yoshimura, Yamagata, & Takahashi, 2013)---Spatial Executive
Working Memory (Keio Twin Registry; no citation given by Ando, Shikishima, Kijima, Yoshimura, Yamagata, & Takahashi, 2013)---Spatial Storage
Working Memory (Keio Twin Registry; no citation given by Ando, Shikishima, Kijima, Yoshimura, Yamagata, & Takahashi, 2013)---Verbal Executive
Working Memory (Keio Twin Registry; no citation given by Ando, Shikishima, Kijima, Yoshimura, Yamagata, & Takahashi, 2013)---Verbal Storage
Working Memory (Salthouse & Babcock, 1990)---Computation Span
Working Memory (Salthouse & Babcock, 1990)---Listening Span
Working Memory (Séguin, Pihl, Harden, Tremblay, & Boulerice, 1995)---Total

Processing Speed

Ball Clerical Speed and Accuracy Test---Total
Basic Skills Test (BST)---Visual Speed and Accuracy
Berlin Intelligence Structure Test---Processing Speed [Bearbeitungsgeschwindigkeit, B]
British Ability Scales---Speed of Information Processing
Employee Aptitude Survey (EAS)---Visual Speed and Accuracy
Processing Speed--Number Facility

- Ability Factor Battery [Batterie Factorielle d’Aptitudes] (Manzione, 1977)---Numerical Addition
- Amsterdam Cognitive Ability Battery (Elshout, 1976)---Arithmetic
- Armed Services Vocational Aptitude Battery (ASVAB)---Numerical Operations
- Ball Aptitude Battery---Numerical Computation
- Basic Banking Skills Battery---Arithmetic Computation
- Basic Banking Skills Battery---Error Recognition
- Basic Skills Test (BST)---Computation
- Chicago Test of Primary Mental Abilities (Thorstone & Thurstone, 1943)---Numerical Ability
- Comprehensive Ability Battery (CAB)---Numerical Ability
- Educational Testing Service (ETS)---Addition
- Educational Testing Service (ETS)---Division
- Educational Testing Service (ETS)---Multiplication and Subtraction
- Employee Aptitude Survey (EAS)---Numerical Ability (EAS 2)
- General Aptitude Test Battery (GATB)---Computation
- Guilford-Zimmerman Aptitude Survey---Numerical Operations
- Hawaii Family Study of Cognition Battery---Subtraction and Multiplication
- Intelligence Structure Test---Computing Task [Rechenaufgaben, RA]
- Intelligence Structure Test---Numerical Calculations
- Intelligence Structure Test---Signs
- Leistungsprüfsystem (LPS; Horn, 1962)---Subtest 15 (Addition [Additionen])
- Operation Span (Durette, 2009)---Process
- Paced Auditory Serial Addition Test (PASAT)---1.6 sec
- Paced Auditory Serial Addition Test (PASAT)---2.4 sec
- Paced Auditory Serial Addition Test (PASAT)---Total
- Primary Mental Abilities---Numerical Ability
- Project TALENT Battery---Arithmetic Computation
- Stanford Achievement Tests---Arithmetic Computation

Processing Speed--Perceptual Speed

- Adult Development and Enrichment Project Test (ADEPT) Battery (Baltes & Willis, 1982) / ADEPT Test Battery Revised---Perceptual Speed
- Aptitude Assessment Battery (Ackerman & Kanfer, 1993)---Flight Checking
- Aptitude Assessment Battery (Ackerman & Kanfer, 1993)---Letter/Number Substitution
- Aptitude Assessment Battery (Ackerman & Kanfer, 1993)---Perceptual Speed (Simple) composite (Clerical Ability-2 (Bennett & Gelink, 1951), Dial Reading Test (Guilford & Lacey, 1947), Directional Headings Test (Cobb & Matthews, 1982), and Letter/Number Substitution (Ackerman, 1986))
- Aptitude Assessment Battery (Ackerman & Kanfer, 1993)---Perceptual Speed (Simple) composite (Clerical Ability-2 (Bennett & Gelink, 1951) and Letter/Number Substitution (Ackerman, 1986))
- Armed Services Vocational Aptitude Battery (ASVAB)---Coding Speed
- Armed Services Vocational Aptitude Battery (ASVAB)---Speed
- Armed Services Vocational Aptitude Battery (ASVAB)---Speed composite (Coding Speed and Number Operations)
- Ball Aptitude Battery---Clerical
- Berlin Intelligence Structure Test---Digit Symbol
- Channel Capacity Test (Manning & Barratt, no date, College Boards Inc., cited by Barratt, 1967)---Perceptual Speed (1.58 Bits)
- Channel Capacity Test (Manning & Barratt, no date, College Boards Inc., cited by Barratt, 1967)---Perceptual Speed (2.00 bits)
- Channel Capacity Test (Manning & Barratt, no date, College Boards Inc., cited by Barratt, 1967)---Perceptual Speed (3.17 bits)
- Channel Capacity Test (Manning & Barratt, no date, College Boards Inc., cited by Barratt, 1967)---Perceptual Speed (4.00 bits)
- Channel Capacity Test (Manning & Barratt, no date, College Boards Inc., cited by Barratt, 1967)---Perceptual Speed (4.64 bits)
- Channel Capacity Test (Manning & Barratt, no date, College Boards Inc., cited by Barratt, 1967)---Perceptual Speed (5.17 bits)
- Clerical Checking Performance Test (Robie, Komar, & Brown, 2010)---Total
Comprehensive Ability Battery (CAB)---Perceptual Speed and Accuracy
Differential Aptitude Test---Clerical Speed and Accuracy
Educational Testing Service (ETS)---Perceptual Speed composite (Finding A’s, Identical Pictures, and Number Comparison)
General Aptitude Test Battery (GATB)---Perceptual Ability
Göteborg Studies of Aging (Marlow & Skoog, 2013)---Perceptual Speed (Number Correct)
Guilford-Zimmerman Aptitude Survey---Perceptual Speed
Hamburg–Wechsler-Intelligenztest für Erwachsene---Numbers Symbol Test [Zahlen-Symbol-Test]
Kognitivne Sposobnosti [Cognitive Abilities] (KS2-2; Rimac, Žebec, & Jurić, 2006)---Speed of Information Processing
Leistungsprüfsystem (LPS; Horn, 1962)---Subtest 13 (Counting Zeros [Nullen Zählen])
Leistungsprüfsystem (LPS; Horn, 1962)---Subtest 14 (Errors [Druckfehler])
Mental Speed measures (Danthiir, Wilhelm, Schulze, & Roberts, 2005)---composite (Finding A’s, Number Comparison, Symbol Comparison, and Symbol-Digit-Substitution)
Minnesota Clerical Test (Andrew, Paterson, & Longstaff, 1979)---Total Multidimensional Aptitude Battery (MAB)---Digit Symbol
Navy Basic Test Battery---Clerical Aptitude composite (Alphabetizing, Name Checking, and Number Checking)
Office Skills Assessment Battery (Vangent)---Skills (Checking)
Office Skills Assessment Battery (Vangent)---Skills (Filing)
Project A (Peterson, Hough, Dunnette, Rosse, Houston, Toquam, & Wing, 1990)---Number Speed and Accuracy composite (Number Memory (Operation Decision Time) and Numerical Memory (Proportion Correct))
Project A (Peterson, Hough, Dunnette, Rosse, Houston, Toquam, & Wing, 1990)---Perceptual Accuracy composite (Perceptual Speed & Accuracy and Target Identification)
Project TALENT Battery---Clerical Checking
Project TALENT Battery---Clerical Checking [Right – 3 * wrong]
Project TALENT Battery---Object Inspection [Right – wrong]
Proof Reading Test (Furnham & Gibbons, 2004)---Perceptual Speed (Attempted)
Proof Reading Test (Furnham & Gibbons, 2004)---Perceptual Speed (Correct)
Proof Reading Test (Furnham & Gibbons, 2004)---Perceptual Speed (Errors)
Proof Reading Test (Furnham & Gibbons, 2004)---Perceptual Speed (Total Circled)
Revised Beta---Digit Symbol
Schaie-Thurstone Adult Mental Abilities Test (Schaie, 1985)---Perceptual Speed
Test of Visual Perceptual Skills (TVPS; Martin, 2006)---Spatial Relationship
Thurstone Test of Perception and Attention (Thurstone & Yela, 1985)---Assessment of Perceptive Aptitude (Discrimination Between Faces)
Wechsler Intelligence Scale---composite (Digit Symbol Coding and Symbol Search)
Wechsler Intelligence Scale---Digit-Symbol Substitution

**Processing Speed--Perceptual Speed---Pattern Recognition**

Dureman-Sälde Battery (Dureman, Keebon, & Österberg, 1971)---Figure Identification
General Aptitude Test Battery (GATB)---Form Matching
General Aptitude Test Battery (GATB)---Form Perception composite (Form Matching and Tool Matching)
General Aptitude Test Battery (GATB)---Object Matching / Tool Matching
Pattern Analysis Test (no citation given by Irwing, Booth, Nyborg, & Rushton, 2012)---Total
Squares Counting Problem (McCutcheon, Ashe, Houran, & Maltby, 2003)---Total
Test of Visual Perceptual Skills (TVPS; Martin, 2006)---Visual Discrimination

**Processing Speed--Perceptual Speed---Scanning**

Air Force Officer Qualifying Test---Table Reading
Aptitude Assessment Battery (Ackerman & Kanfer, 1993)---Canceling A’s
Aptitude Assessment Battery (Ackerman & Kanfer, 1993)---Perceptual Speed (Complex) composite (Dial Reading Test (Guilford & Lacey, 1947) and Directional Headings Test (Cobb & Matthews, 1982))
Basic Banking Skills Battery---Name Comparison
Basic Banking Skills Battery---Number Comparison
Basic Skills Test (BST)---Coding
Basic Skills Test (BST)---Filing Names
Basic Skills Test (BST)---Filing Numbers
Basic Skills Test (BST)---Forms Checking
Berlin Intelligence Structure Test---composite (Letter Cross-Out Speed, Part-Whole, and X Greater)
Berlin Intelligence Structure Test---Letter Cross-Out
Berlin Intelligence Structure Test---Old English (OE)
Clerical Aptitudes (Science Research Associates)---Office Checking Test
Creative Thinking Aptitudes Convergent Production Tests---Camouflaged Words
Educational Testing Service (ETS)---Calendar Score IP-1-Integrative Processes
Educational Testing Service (ETS)---Finding A’s Educational Testing Service (ETS)---Identical Pictures
English Longitudinal Study---Accuracy of Letter Search (%)
English Longitudinal Study---Letter Cancellation
Flanagan Aptitude Classification Tests---Inspection Test
Flanagan Industrial Tests---Inspection
General Aptitude Test Battery (GATB)/Occupational Information Network (O*NET)---composite (Name Comparison and Object Matching)
General Aptitude Test Battery (GATB)---Clerical Perception (Q)
General Aptitude Test Battery (GATB)---Name Comparison
General Office-Work Test Revised (Lienert & Schuler, 1994)---Sorting Letters
Hawaii Family Study of Cognition Battery---Number Comparison
High School and Beyond Test Battery (National Center for Education Statistics, 2006)---Mosaic Comparison composite (Parts 1 and 2)
Marking Speed (no citation given by Merrifield, Gardner, & Cox, 1964)---Total
Minnesota Clerical Test (Andrew, Paterson, & Longstaff, 1979)---composite (Name Comparison and Number Comparison)
National Child Development Study (1958) (University of London, 2013)---Letter Cancellation Accuracy (Number of Ps and Ws Missed)
Navy Classification Battery---Clerical Test
Number-Chainning-Test [Zahlen-Verbindungs-Test (ZVT)] (Oswald & Roth, 1987)---Total
NVS-R (Thiébaut & Bidan-Fortier, 2003)---Attention
Occupational Aptitude Survey and Interest Schedule 2 (OASIS-2; Parker, 1991)---Word Comparisons
Office Skills Assessment Battery (Vangent)---Skills (Number Comparison)
Primary Mental Abilities---Perception
Project TALENT Battery---Table Reading [Right - wrong]
Revised Beta---Error Recognition
Sternberg’s Test of Memory Scanning (Sternberg, 1966)---Total
S-Z-Test (Cattell, 1935)---S-Z Total
Wechsler Intelligence Scale---Symbol Search

**Processing Speed--Reading Speed**

Davis Reading Test---Speed
Skimming Exercise (Taylor, Ghiselin, & Yagi, 1967)---Total of Correct Pages Plus Correct Items
Time Perception (Barratt & Patton, 1987)---composite (Time Estimation Average and Time Estimation Production)

**Reaction and Decision Speed**

Project A (Peterson, Hough, Dunnette, Rosse, Houston, Toquam, & Wing, 1990)---Basic Accuracy composite (Choice Reaction Time (Proportion Correct) and Simple Reaction Time (Proportion Correct))
Project A (Peterson, Hough, Dunnette, Rosse, Houston, Toquam, & Wing, 1990)---Basic Speed composite (Choice Reaction Time (Decision Time) and Simple Reaction Time (Decision Time))
Time Perception (Gerbing, Ahadi, & Patton, 1987)---Mean Error in Seconds

**Reaction and Decision Speed--Choice Reaction Time**

Choice Reaction Time Apparatus (Landauer, Pocock, & Prott, 1974)---Mean Reaction Time Four
Choice Reaction Time Apparatus (Landauer, Pocock, & Prott, 1974)---Mean Reaction Time One
Choice Reaction Time Apparatus (Landauer, Pocock, & Prott, 1974)---Mean Reaction Time Ten
Determination Test (Schuhfried, 1998)---Correct Reactions
Health and Lifestyle Survey (HALS; Cox, 1988)---Choice Reaction Time (Mean)
Lothian Birth Cohort of 1936 Choice Reaction Time (Ritchie, Starr, & Deary (2014), personal communication)---Total
Reaction Time (Levander & Lagergren, 1973)---Number of Correct Responses
Reaction Time (Levander & Lagergren, 1973)---Reaction Time for Correct Responses
Select21 Psychomotor Test (Rumsey, 2005)---Time-to-Fire [response latency]
Sustained Attention to Response Test (SART; Robertson, Manly, Andrade, Baddeley, & Yend, 1997)---Response Time (Milliseconds) Processed
Reaction and Decision Speed--Choice

Reaction Time---Decision Time

Project A (Peterson, Hough, Dunnette, Rosse, Houston, Toquam, & Wing, 1990)---Perceptual Speed composite (Perceptual Speed & Accuracy (Decision Time) and Target Identification (Decision Time))

Trinity College Dublin Choice Reaction Time Test (Irish Longitudinal Study)---Decision Time

Reaction and Decision Speed--Choice

Reaction Time---Movement Time

Trinity College Dublin Choice Reaction Time Test (Irish Longitudinal Study)---Motor Time

Reaction and Decision Speed--Inspection Time

Inspection Time (Austin, 2004)---Correct Responses in Each Inspection Time Category

Inspection Time (Lothian Birth Cohort of 1936) (Ritchie, Starr, & Deary (2014), personal communication)---Total

Inspection Time (no citation given by Bates & Eysenck, 1993)---Total

Inspection Time (no citation given by Bates & Shieles, 2003)---Total

Inspection Time Task (Luciano, Smith, Wright, Geffen, Geffen, & Martin, 2001)---Inspection Time

Reaction and Decision Speed--Mental Comparison Speed


Quantitative Switching Task (QST; no citation given by Kleitman, 2008)---Accuracy

Reaction and Decision Speed--Semantic Processing Speed

Letter N-Back---Reaction Time for 2 Back True Positive Responses

Reaction and Decision Speed--Simple

Reaction Time

Simple Reaction Time (McGarry-Roberts, Stelmack, & Campbell, 1999)---Total

Stop Signal Task (Logan, Schachar, & Tannock, 1997)---Reaction Time Go Task (Mean)

Stop Signal Task (Logan, Schachar, & Tannock, 1997)---Stop Signal Reaction Time

SynWin (Elsmore, 2004) adaptation---Auditory Response Time

Time Perception (Gerbing, Ahadi, & Patton, 1987)---Average Reaction Time

Well Elderly 2 (Clark, 2012)---Visual Search Median Reaction Time in Milliseconds

Visual Processing

Alice Heim---Spatial Ability

Aptitude Assessment Battery (Ackerman & Kanfer, 1993)---Spatial Ability

Armed Services Vocational Aptitude Battery (ASVAB)---Spatial

Army General Classification Test (AGCT)---Pattern Analysis

Arthur Point Performance Scale, Form II (Arthur, 1947)---Total

Campus Building Questionnaire (Rovine & Weisman, 1989)---Sense of Direction

Canadian Dental Aptitude Test (DAT)---Perceptual Motor Ability

Canadian Forces Aptitude Test (CFAT)---Spatial Awareness

composite (Canadian Forces Aptitude Test or General Classification Test)---Spatial Ability

Educational Testing Service (ETS)---Spatial (Cube Comparisons, Paper Folding, and Surface Development)

Educational Testing Service (ETS)---Visuo-Spatial composite (Card Rotation and Hidden Patterns)

Estonian Cognitive Ability Scale (Pulver, 1999)---Spatial Abilities

Kyodai NX Test (Osaka & Umemoto, 1953)---Spatial

Multidimensional Aptitude Battery (MAB)---Performance composite (Object Assembly and Spatial)
Cognitive Ability Constructs and Measures

Multiplex Controller Aptitude Test (Sells, Dailey, & Pickrel, 1984)---(OPM-510) Raw Score
Multiplex Controller Aptitude Test (Sells, Dailey, & Pickrel, 1984)---Total
Schaie-Thurstone Adult Mental Abilities Test (Schaie, 1985)---Spatial Ability
Skill Acquisition Lab (SAL; no citation given by Ackerman, 1995)---Spatial Orientation
Wechsler Intelligence Scale---composite (Block Design, Object Assembly, Picture Arrangement, and Picture Completion)
Woodcock-Johnson---Visual-Spatial Thinking

Visual Processing--Closure Speed

Armed Services Vocational Aptitude Battery (ASVAB)---Assembling Objects
Berlin Intelligence Structure Test---Verbal Speed Test
Closure Test I (Mooney & Ferguson, 1951)---Total
Closure Test II (Mooney & Ferguson, 1951)---Total
Comprehensive Ability Battery (CAB)---Speed of Closure
Educational Testing Service (ETS)---Gestalt Completion
Educational Testing Service (ETS)---Gestalt Completion [Bilderkennungstest CS-1]
Flanagan Industrial Tests---Assembly
Hamburg-Wechsler-Intelligenztest für Erwachsene---Figural Placement [Figurenlegen]
Hamburg-Wechsler-Intelligenztest für Erwachsene---Image Completion [Bilderergrännen]
Leistungsprüfsystem (LPS; Horn, 1962)---Subtest 11 (Picture Recognition [Bildererkennen])
Leistungsprüfsystem (LPS; Horn, 1962)---Subtest 12 (Word Recognition [Worterkennen])
Multidimensional Aptitude Battery (MAB)---Object Assembly
Multidimensional Aptitude Battery (MAB)---Picture Completion
Primary Mental Abilities (Thurstone, 1938)---Gestalt Completion [Street Gestalt-Ergänzungstest]
Primary Mental Abilities (Thurstone, 1938)---Mutilated/Unclear Words [Verstümmelte Woerter]
Revised Beta---Picture Completion
Revised Examination M Test of Intelligence and Aptitude (Blair, 1959)---Picture Completion
Test of Visual Perceptual Skills (TVPS; Martin, 2006)---Visual Closure
Wechsler Intelligence Scale---Object Assembly
Wechsler Intelligence Scale---Picture Completion

Visual Processing--Flexibility of Closure

Air Force Officer Qualifying Test---Hidden Figures
Amsterdam Cognitive Ability Battery (Elshout, 1976)---Hidden Figures
Cat-Dog-Test (Blum, 1959)---Total
Comprehensive Ability Battery (CAB)---Flexibility of Closure
Creative Thinking Aptitudes Convergent Production Tests---Hidden Figures
Educational Testing Service (ETS) adaptation (Barchard, 2001)---Rearranged Words
Educational Testing Service (ETS)---Embedded Figures
Educational Testing Service (ETS)---Figural Adaptive Flexibility
Educational Testing Service (ETS)---Hidden Figures CF-1-Flexibility of Closure
Educational Testing Service (ETS)---Hidden Pattern CF-2
Educational Testing Service (ETS)---Hidden Words
Educational Testing Service (ETS)---Incomplete Words
Educational Testing Service (ETS)---Pattern Copying [Musterkopierungstest CF-3]
Embedded Figures---Field-Dependence-Independence
Gottschaldt Figures Test---Field Independence
Hawaii Family Study of Cognition Battery---Hidden Patterns
Hidden Objects Test (Kries, 1940)---Total
Hidden Words Test (Luchins, 1942)---Total
Leistungsprüfsystem (LPS; Horn, 1962)---Subtest 10 (Gottschaldt Figures)
London House Test Catalog for Business (Thurstone & Jeffrey, 1984)---Closure Flexibility
Revised Examination M Test of Intelligence and Aptitude (Blair, 1959)---Picture Anomalies
Rod and Frame Test (Witkin, Lewis, Hertzman, Machover, Meissner, & Wapner, 1954)---Field Dependence
SEK Test (Eliot, Medoff, & Kimmel, 1987)---Figure Ground
Test of Visual Perceptual Skills (TVPS; Martin, 2006)---Visual Figure Ground

Visual Processing--Imagery

Aptitude Assessment Battery (Ackerman & Kanfer, 1993)---Verbal Test of Spatial Ability
Skill Acquisition Lab (SAL; no citation given by Ackerman, 1995)---Verbal Test of Spatial Abilities
### Visual Processing--Length Estimation

- Campus Building Questionnaire (Rovine & Weisman, 1989)---Relative Distance
- Educational Testing Service (ETS)---Length Estimation
- Line Length Test (Stankov & Crawford, 1997)---Total

### Visual Processing--Perceptual Alternations

- Binocular Retinal Rivalry (Sanders, 1977)---Alternation in Dominance
- Embedded Figures---Reversible Perspective
- Necker Cube---Perspective Reversals
- Retinal Rivalry Alternations (Thurstone, Thurstone, & Strandskov, 1953)---Nonrecognition of Fluctuation

### Visual Processing--Perceptual Illusions

- Ehrenstein Illusion---Total
- Perceptual Acuity Test (Gough & Weiss, 1981)---Total

### Visual Processing--Spatial Scanning

- Armed Services Vocational Aptitude Battery (ASVAB)---Map
- Armed Services Vocational Aptitude Battery (ASVAB)---Maze
- Culture Fair Intelligence Test (CFIT)---Conditions (Topology) (Test 4)
- Educational Testing Service (ETS)---Tracing a Path Score-Spatial Scanning SS-2
- Elithorn Mazes---Total
- Mexican Health and Aging Study (2013)---Visual Scanning
- Select21 Psychomotor Test (Rumsey, 2005)---Precision composite (Target Shoot Distance and Target Tracking Distance)
- Select21 Psychomotor Test (Rumsey, 2005)---Target Shoot Distance
- Select21 Psychomotor Test (Rumsey, 2005)---Target Tracking Distance
- Way-Finding (Rovine & Weisman, 1989)---Best Route
- **Way-Finding** (Rovine & Weisman, 1989)---Distance Traveled
- **Way-Finding** (Rovine & Weisman, 1989)---Total Turns
- Wechsler Intelligence Scale---Mazes
- **Well Elderly 2** (Clark, 2012)---Visual Search Number of Errors

### Visual Processing--Speeded Rotation

- **Wechsler Intelligence Scale**---Block Design---Reaction Time Correct

### Visual Processing--Visual Memory

- Altitude Memory Test (Ackerman & Kanfer, 1993)---Spatial Memory
- Bender Gestalt Visual Motor Test---Errors
- Educational Testing Service (ETS)---Map Memory MV-3
- Hawaii Family Study of Cognition Battery---Immediate Visual Memory
- Hawaii Family Study of Cognition Battery---Visual Memory Factor composite (Delayed Visual Memory and Immediate Visual Memory)
- Kaufman Adolescent and Adult Intelligence Test (KAIT)---Memory for Block Designs
- Memory for Designs Test (Graham & Kendall, 1960)---Number of Trials Needed
- Memory for Designs Test (Graham & Kendall, 1960)---Trials 1–5
- Mexican Health and Aging Study (2013)---Visual Figure Recall
- Rey Complex Figure---Copying
- Rey Complex Figure---Non-Verbal Memory
- Rey Complex Figure---Visuospatial/Constructional Ability
- Tachistoscopic Traffic Perception Test (Biehl, 1996)---Perceptual Speed
- Thurstone’s Picture Memory---Total
- Time Wall/Pattern Recognition Test (Aerospace Sciences Incorporated, 1991)---Proportion Correct
- Wechsler Memory Scale---Family Picture II
- Wechsler Memory Scale---Spatial Span

### Visual Processing--Visualization

- Ability Factor Battery [Batterie Factorielle d’Aptitudes] (Manzione, 1977)---Mental Rotation
- Air Force Officer Qualifying Test---Block Counting
- Air Force Officer Qualifying Test---Rotated Blocks
- API5 (Matczak, Jaworsowa, Szustrowa, & Cicchanowicz, 1995)---Spatial Abilities composite (Squares & Blocks and Actions Which Are Mental Representations of Natural Transition)
- Aptitude Assessment Battery (Ackerman & Kanfer, 1993)---Paper Folding
- Aptitude Assessment Battery (Ackerman & Kanfer, 1993)---Spatial Orientation
- Armed Services Vocational Aptitude Battery (ASVAB)---Object Rotation
- Armed Services Vocational Aptitude Battery (ASVAB)---Orientation
Cognitive Ability Constructs and Measures

Armed Services Vocational Aptitude Battery (ASVAB)---Space Perception
Ball Aptitude Battery---Paper Folding
Blox Test (National Institute on Personality Research, 1961)---Spatial Ability
Chicago Test of Primary Mental Abilities (Thurstone & Thurstone, 1943)---Spatial Imagery
Comprehensive Ability Battery (CAB)---Spatial Ability
Differential Aptitude Test---Space Relations
Dutch Police Intelligence Test (Rijks Psychologische Dienst, 1975)---Spatial Ability
Educational Testing Service (ETS)---Card Rotations
Educational Testing Service (ETS)---composite (Cube Comparisons, Paper Folding, and Surface Development)
Educational Testing Service (ETS)---Cube Comparisons
Educational Testing Service (ETS)---Form Board
Educational Testing Service (ETS)---Paper Form Board
Educational Testing Service (ETS)---Spatial composite (Form Board, Paper Folding, and Surface Development)
Educational Testing Service (ETS)---Surface Development
Employee Aptitude Survey (EAS)---Space Visualization
General Aptitude Test Battery (GATB)---3D Space
General Aptitude Test Battery (GATB)---Spatial Aptitude (S)
Guilford-Zimmerman Aptitude Survey---Spatial Orientation
Guilford-Zimmerman Aptitude Survey---Spatial Visualization
Hamburg-Wechsler-Intelligenztest für Erwachsene---Mosaic Test [Mosaik-Test]
Hawaii Family Study of Cognition Battery---Card Rotations
Hawaii Family Study of Cognition Battery---Paper Form Board
Health and Lifestyle Survey (HALS; Cox, 1988)---Block Plans (Number of Blocks)
High School and Beyond Test Battery (National Center for Education Statistics, 2006)---Visualization in 3 Dimensions
Intelligence Structure Test---Abstract Pieces
Intelligence Structure Test---Cubes
Intelligence Structure Test---Dice Task [Würfelaufgaben, WÜ]
Intelligence Structure Test---Figure Selection [Figurenauswahl, FA]
Intelligenz Struktur Analyse (ISA)---Spatial
Kohs (no date; cited by Wälti, 1970)---Mosaic [Mosaik]
Kohs’ Block Design---Block Design (Arthur Score)
Leistungsprüfsystem (LPS; Horn, 1962)---Subtest 7 (Mirror Images [Spiegelbilder])
Leistungsprüfsystem (LPS; Horn, 1962)---Subtest 8 (Transaction [Abwicklungen])
Leistungsprüfsystem (LPS; Horn, 1962)---Subtest 9 (Body Surface [Körperflächen])
Mental Rotations Test (MRT-A; Vandenberg & Kuse, 1978), Set A---Total
Multidimensional Aptitude Battery (MAB)---composite (Object Assembly and Spatial)
Multidimensional Aptitude Battery (MAB)---Spatial
Occupational Aptitude Survey and Interest Schedule 2 (OASIS-2; Parker, 1991)---Spatial Relations
Paper Folding (Salthouse, Babcock, Mitchell, Palmon, & Skovronek, 1990)---Total
Personnel General Reasoning Test [Personel Genel Muahakeme Testi] (PGMT; no citation given by Sümü, Erol-Korkmaz, Özen, & Eris, 2013)---Zihinsel Dondurme [Mental Rotation]
Primary Mental Abilities---Spatial Ability
Project TALENT Battery---Visualization in 2 Dimensions
Project TALENT Battery---Visualization in 3 Dimensions
Revised Examination M Test of Intelligence and Aptitude (Blair, 1959)---Paper Formboard
Revised Minnesota Paper Form Board Test (Likert & Quasha, 1970)---Total
S & M Test of Mental Rotation Ability (Philips & Rawles, 1976)---Mental Rotation
Schaie-Thurstone Adult Mental Abilities Test (Schaie, 1985)---Figure Rotation
Schaie-Thurstone Adult Mental Abilities Test (Schaie, 1985)---Object Rotation
Shepard-Metzler Mental Rotations (Shepard & Metzler, 1971)—Mental Rotations
Shepard-Metzler Mental Rotations (Shepard & Metzler, 1971)—Total Correct
Spatial Dimensionality Tests---Eliot Price
Horizontal Vertical Rotations Test (Eliot & Price, 1974)
Stumpf-Fay Cube Perspectives Test (Stumpf & Fay, 1981)---Total
Test of Hamley (Lee, 1951)---Order-Spatial Figures
Test of Hamley (Lee, 1951)---Variable-Spatial Figures
Test of Visual Perceptual Skills (TVPS; Martin, 2006)---Form Constancy
Vandenberg & Kuse Mental Rotations Test Revised (Peters, 1995)---Total
Washington Pre-College Test (de Wolf, 1972)---Spatial Ability
Wechsler Intelligence Scale---Block Design
Wilde Intelligence Test 2 [Wilde-Intelligenz-Test 2] (WIT-2; Kersting, Althoff, & Jäger, 2008)---Folding

**Compound Cognitive Abilities**

**compound-Acquired Knowledge & Processing Speed**

Armed Services Vocational Aptitude Battery (ASVAB)---composite (Arithmetic Reasoning, Coding Speed, Numerical Operations, Word Knowledge)
Royal Australian Air Force Groundstaff Test Battery (GTB)---Clerical Ability

**compound-Acquired Knowledge & Visual Processing**

Air Force Officer Qualifying Test---Instrument Comprehension
Canadian Dental Aptitude Test (DAT)---composite (Academic Average, Perceptual Motor Ability, and Reading Comprehension)

**compound-Acquired Knowledge, Psychomotor Speed, & Visual Processing**

Detroit Mechanical Aptitudes Examinations for Boys (Baker, 1928)---Mechanical Aptitude

**compound-Acquired Knowledge--Domain Specific Knowledge & Visual Processing**

Air Traffic Scenarios Test (Nickels, Bobko, Blair, Sands, & Tartak, 1995)---Efficiency Score
Air Traffic Scenarios Test (Nickels, Bobko, Blair, Sands, & Tartak, 1995)---Safety Score

**compound-Acquired Knowledge--Domain Specific Knowledge---Foreign Language Proficiency & Auditory Processing**

National College Entrance Examination [China]---Foreign Language/English Oral

**compound-Acquired Knowledge--Domain Specific Knowledge---Sciences---Physical Sciences Knowledge (Applied) & Visual Processing---Visualization**

Differential Aptitude Test---composite (Mechanical Reasoning and Spatial Relations)
Project TALENT Battery---Technical Information composite (Aeronautics and Space Information, Electricity and Electronics Information, Mechanical Information, Mechanical Reasoning, Visualization in 2 Dimensions, and Visualization in 3 Dimensions)

**compound-Acquired Knowledge--Quantitative Ability & Processing Speed--Perceptual Speed**

Woodcock-Johnson---composite (Applied Problems and Calculation)

**compound-Acquired Knowledge--Verbal Ability & Memory**

Modern Language Aptitude Test (MLAT; Carroll & Sapon, 1959)---Total

**compound-Acquired Knowledge--Verbal Ability & Visual Processing**

Alice Heim---Part I composite (Spatial and Verbal)

**compound-Acquired Knowledge--Verbal Ability & Visual Processing--Spatial Scanning**

Law Enforcement Aptitude Test (International Public Management Association for Human Resources)---Total

**compound-Acquired Knowledge--Verbal Ability---Comprehension Knowledge & Memory--Long Term Storage and Retrieval**

Kaufman Adolescent and Adult Intelligence Test (KAIT)---Definitions

Navy Basic Test Battery---Mechanical Aptitude composite (Block Counting, Mechanical Comprehension, and Surface Development)
compound-Acquired Knowledge--Verbal Ability---Comprehension Knowledge & Processing Speed

Clerical Apts (Science Research Associates)---composite (Office Arithmetic, Office Checking, and Office Vocabulary)

compound-Acquired Knowledge--Verbal Ability---Comprehension Knowledge--Lexical Knowledge & Memory--Long Term Storage and Retrieval--Retrieval Fluency--compound (Associational Fluency & Expressional Fluency)

Educational Testing Service (ETS)---Verbal composite (Controlled Associations, Extended Range Vocabulary, and Making Sentences)

compound-Acquired Knowledge--Verbal Ability---Comprehension Knowledge---Lexical Knowledge & Processing Speed--Number Facility

Occupational Aptitude Survey and Interest Schedule 2 (OASIS-2; Parker, 1991)---General Ability composite (Computation and Vocabulary)

compound-Acquired Knowledge--Verbal Ability---Comprehension Knowledge---Lexical Knowledge & Visual Processing--Closure Speed

Wechsler Intelligence Scale---composite (Picture Completion and Vocabulary)

compound-Fluid & Processing Speed--Perceptual Speed--Complex

Letter Factory Test (no citation given by Broach, 2014)---Thinking & Planning Ahead Score

compound-Fluid & Visual Processing

Canadian Forces Aptitude Test (CFAT)---Problem Solving Skills composite (Canadian Forces Aptitude Test or General Classification Test)---Problem Solving

General Ability Measure for Adults (GAMA; Naglieri & Bardos, 1997)---composite (Analogies, Construction, Matching, and Sequence)

General Ability Measure for Adults (GAMA; Naglieri & Bardos, 1997)---Total

Multidimensional Aptitude Battery (MAB)---Pictorial

Project A (Peterson, Hough, Dunnette, Rosse, Houston, Toquam, & Wing, 1990)---composite (Assembling Objects, Map, Maze, Object Rotation, Orientation, and Reasoning)

Wechsler Intelligence Scale---composite (Block Design and Matrix Reasoning)

Wechsler Intelligence Scale---composite (Block Design and Picture Arrangement)

Wechsler Intelligence Scale---composite (Block Design, Matrix Reasoning, and Picture Completion)

Wechsler Intelligence Scale---Perceptual Reasoning Index

Wilde Intelligence Test 2 [Wilde-Intelligenz-Test 2] (WIT-2; Kersting, Althoff, & Jäger, 2008)---composite (Analogies, Folding Reasoning, and Number Sequences)

compound-Fluid & Visual Processing--Visualization

Orientierungs Test (was-studiere-ich.de)---Spatial composite (Figure Classifications, Matrix Problems, Mental Rotation, Slices, and Surface Development)

compound-Fluid--Induction & Memory--Long Term Storage and Retrieval--Retrieval Fluency---Ideational Fluency

Creativity Test (Wallach & Kogan, 1965)---Similarities (Fluency)
compound-Fluid--Induction & Processing Speed--Number Facility

Henmon Nelson---Quantitative Ability

compound-Fluid--Induction & Visual Processing--Visualization

Cubes Test (Rueda & Muniz, 2012)---Total Intelligence Structure Test---Arrange Figures
PREVUE Ability Scale (Bartram, 1993)---Working with Shapes
The IQ Test (www.allthetests.com/tests/iqtest.php)---Critical Reasoning composite (Cube Rotation, Figure Series, Matrices, and Reasoning Word Problems)

compound-Fluid--Quantitative Reasoning & Processing Speed--Number Facility

Basic Skills Test (BST)---Numerical composite (Computation and Problem Solving)
General Aptitude Test Battery (GATB)---Numerical Aptitude composite (Arithmetic Reasoning and Computation)
Occupational Aptitude Survey and Interest Schedule 2 (OASIS-2; Parker, 1991)---Computation
Personnel Selection Inventory (PSI; Vangent, 2013)---7 Measures/7 Tenure Measures (7M/7TM) Applied Mathematics
Personnel Selection Inventory (PSI; Vangent, 2013)---Customer Service Measure Applied Mathematics

compound-Memory--Long Term Storage and Retrieval & Visual Processing

Sketch Maps (Rovine & Weisman, 1989)---Adjacent Buildings
Sketch Maps (Rovine & Weisman, 1989)---Buildings

compound-Memory--Long Term Storage and Retrieval---Retrieval Fluency---Naming Facility/Speed of Lexical Access & Visual Processing--Closure Speed

Leistungsprüfsystem (LPS; Horn, 1962)---Subtest 5 (Anagram [Anagramme])
Leistungsprüfsystem (LPS; Horn, 1962)---Subtest 6 (Word Finding [Wortfinden])

compound-Processing Speed & Reaction and Decision Speed

Matching Familiar Figures Test (Kagan, Rosman, Day, Albert, & Phillips, 1964)---composite (Number of Errors Before a Successful Response and Time to Initial Response)

compound-Processing Speed & Visual Processing

Berlin Intelligence Structure Test---Speed composite (Part-Whole, Old English, and X-Greater) Multidimensional Aptitude Battery (MAB)---composite (Digit Symbol, Object Assembly, and Spatial)

The most up-to-date version of this compendium can be found online at stanek.workpsy.ch, where feedback is also welcomed.