

MRAB

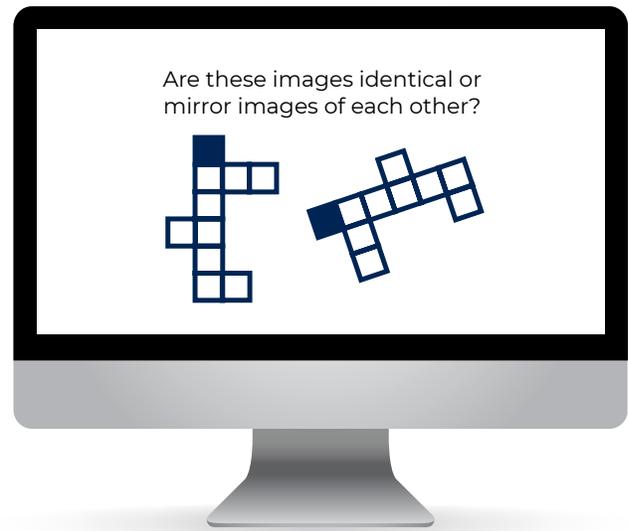
MiniCog Rapid Assessment Battery

A test created by Harvard psychologists to measure information processing.

Measures:

- ✓ Mental fitness
- ✓ Attention and focus
- ✓ Working memory
- ✓ Reasoning ability

Estimated Time: 35 minutes



Answer: Mirror Images

The MRAB is a series of nine short tests that measure a person's "information processing" functions. Funded by NASA, the tests were originally designed to measure the effects of prolonged space travel on astronauts' cognitive functions. In the context of employment, the MRAB measures mental fitness and is ideal for a small subset of jobs that require a great deal of sustained, long-term focus.

Vince Sample

Position: Sample Test Portfolio
 Test Date: June 5, 2023
 Test Event ID: ABC-D1Fg-2H3i-jklmN | Test Ver: 1.0



APTITUDE TEST

Minicog Rapid Assessment Battery

The MRAB is a nine-test battery that measures key information processing functions (attention, working memory, and reasoning) representative of a person's "mental fitness." The MRAB is ideal for a small subset of jobs that require a great deal of sustained, long-term focus.

Results Summary

52

Overall Score Percentile

Results Details



Attention Percentile **74**

An indication of the ability to focus and maintain concentration on one or more tasks.

Divided Attention **22**

Measures the ability to "multi-task" or concentrate on two or more things simultaneously.

Selective Attention: Vigilance **91**

Measures the ability to maintain concentration on a task for a sustained period of time.

Selective Attention: Filtering **82**

Measures the ability to focus on important information and ignore irrelevant distractions.



Memory Percentile **39**

Measures the ability to remember, or "hold in mind" information.

Verbal Working Memory **17**

Measures the ability to remember stimuli and information.

Spatial Working Memory **39**

Measures the ability to "hold in mind" stimuli and information.



Reasoning Percentile **49**

Provides an indication of critical thinking, reasoning, and problem solving ability.

Visualization **61**

Measures spatial reasoning ability, a cognitive competency useful in fields such as architecture, design, and engineering.

Logic **11**

Measures deductive reasoning abilities, the ability to infer conclusions based on certain facts.

Information Ordering **76**

Measures ability to process and synthesize information in a rapid fashion.

Score Report Data That Helps You Hire

Each report provides powerful information in an intuitive and easily understandable format.

What you'll find:

- 1 **PERCENTILE:** A performance metric indicating performance relative to others
- 2 **SUB-SCORES:** Attention, Memory, Reasoning, and Perceptual Reaction Time

Results are instant – view your candidates' score reports as soon as they finish the assessment.

Research shows that cognitive aptitude is one of the most accurate predictors of job success:

1.6x more than interviews

4x more than experience



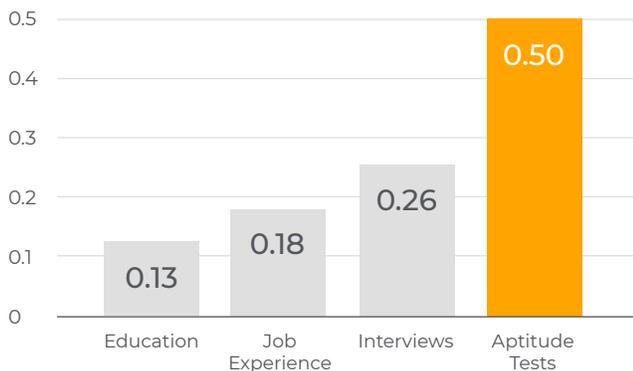
Aptitude as a Predictor of Performance

Research shows that cognitive aptitude is one of the most accurate predictors of job success: 1.6x as predictive as job interviews and 4x as predictive as experience.

Scientifically Validated

The MRAB has been extensively validated, demonstrating that the test correlates significantly with job performance for a variety of jobs that require a high level of attention, concentration, working memory, and problem solving skills. The MRAB is also significantly correlated with other cognitive aptitude assessments, including the CCAT.

Predictive Validity of Various Employee Criteria



Top Positions for the MRAB

- ✓ Air Traffic Controllers
- ✓ Database Administrators
- ✓ Engineers
- ✓ Computer Scientists
- ✓ Pilots