



## Numerical Reasoning Short report for Michael Sample

Report date: 15 May 2020 Report ID: 6514098502107136

### About This Report

This assessment report indicating Michael Sample's current numerical and mathematical literacy skills, is strictly confidential. The information contained in this report should only be disclosed on a "need to know basis" with the prior understanding and permission of the assessment candidate.

The results of this assessment should be interpreted with the guidance of a trained professional, taking into account various other sources of information relating to the current numerical skills of the candidate.

Assessment candidates need to know that their scores reflect current numerical skills only and that these skills can be developed through further educational exposure.

### Description

This assessment tool measures the numerical reasoning skills required at secondary school grades 9 to 11.

The test items largely consist of word sums, mathematical equations and graphic representations of ratio's, percentages, fractions, decimals, probabilities, weights, spatial relationships, number series, as well as unknown variables.

The results are aimed at predicting the candidate's capability to deal with numbers in tertiary educational - and work environments, particularly those of a technical, scientific and business nature.

Although the structure of the assessment is adaptive, repeated exposure to the assessment may result in elevated scores.

Numerical and mathematical reasoning skills can be developed with relative ease through further educational training and exposure.

### Michael Sample's Results

#### Level

Michael Sample's level of numerical and mathematical skill is

**High**

- The validity of your results depends on favorable test conditions and your motivation to do the assessment.
- Your score was calculated by comparing your performance to that of a norm or reference group.
- Your current facility for solving problems requiring the use of percentages, fractions, decimals, ratios, and compounded interest seem **particularly well developed** and exceeds that of the majority of the reference group. This talent may enhance your performance in technical or other problem-solving contexts across disciplines.

#### Speed

Michael Sample's numerical and mathematical speed is

**Below average**

## Reference Group

The current results are not yet compared to any reference group. Future results will be compared to a diverse norm group of South African school leavers and university students who may or may not have had previous exposure to Mathematics as a school subject. Once the reference group is identified, the results will be adjusted accordingly.

## The Constructs Measured

This assessment evaluates a person's logical reasoning capability in critically dealing with the numerical implications of verbally stated problems, or word sums. It thus measures the current capability to correctly understand, structure and solve numerical problems.

## Disclaimer

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