Pearson
Talent Solutions

COGNITIVE ASSESSMENTS

Numerical Calculations



Help your organization make faster, smarter, data-driven decisions

Trusted since 1947 to predict performance the **Differential Aptitude Test (DAT)™**, now Numerical Calculations, helps you identify individuals who can apply mathematical reasoning in real-world situations. Using adaptive testing, it delivers a precise view of how people process numerical information—so you can build teams that think clearly, act decisively, and drive results.

In today's data-rich workplace, success depends on more than understanding numbers—it requires the ability to work with them quickly, accurately, and with confidence. From budgeting and forecasting to everyday problem-solving, numerical skills are essential across roles and industries.

Numerical Calculations Benefits

- **Short –** Approximately 10–15 minutes (15 adaptive items)
- **Measures core numerical ability,** a strong predictor of job performance across roles
- **Highly reliable, predictive scores** backed by decades of research
- **Adaptive testing technology** ensures precise, ability-level measurement
- **Engaging experience** that supports candidate focus and confidence
- **Enables confident hiring and development decisions**

Our Numerical Calculations assessment measures the following:

1 **Arithmetic Fluency**
Performing fundamental calculations accurately, including addition, subtraction, multiplication, and division.

2 **Quantitative Problem Solving**
Applying numerical reasoning to solve practical, work-related problems.

3 **Numerical Accuracy**
Working carefully with numbers to minimize errors and ensure precision.

4 **Mathematical Reasoning**
Understanding relationships between numbers and applying logic to reach correct conclusions.

5 **Working with Percentages and Proportions**
Interpreting and calculating ratios, percentages, and basic algebraic concepts.

6 **Efficiency with Numerical Information**
Processing numerical data quickly to support timely, informed decisions.



Languages

English
French
Dutch
Spanish
German
Italian
Portuguese
Turkish

Norms

General population, Education-level norms

The Numerical Calculations assessment is based on DAT™, Differential Aptitude Tests™. Trusted since 1947 to predict performance the Differential Aptitude Test (DAT), now with adaptive technology (DAT Adaptive), assesses key foundational numerical computation skills such as ratios, percentages, fractions and arithmetic.

Take the next step

Pearson helps enterprises build future-ready workforces through integrated talent assessment, talent development, and talent verification solutions. With global reach and expertise in AI and learning sciences, Pearson enables organizations to identify strengths today and develop the talent they need for what's next.

go.Pearson.com/work

Copyright © 2026 Pearson Education, Inc. or its affiliate(s). All rights reserved