Pearson
Talent Solutions

COGNITIVE ASSESSMENTS

Abstract Reasoning



Help your organization think ahead, solve faster, and adapt with confidence

Trusted since 1947 to predict performance the **Differential Aptitude Test (DAT)™**, now Abstract Reasoning, helps you uncover these essential capabilities. Using computer adaptive testing, it provides a clearer, more precise view of how individuals process information and respond to complexity—so you can identify potential early and make confident talent decisions.

In today's fast-changing world of work, success depends on more than knowledge. It depends on how people think—how they recognize patterns, solve unfamiliar problems, and adapt in the moment.

Abstract Reasoning Benefits

- **Short** – Approximately 10–15 minutes (15 adaptive items)
- **Measures critical thinking skills** that predict success across roles
- **Reliable, predictive scores** based on proven cognitive science
- **Adaptive testing technology** delivers more precise results
- **Engaging experience** aligned to individual ability level
- **Enables confident hiring and development decisions**

Our Abstract Reasoning assessment measures the following:

1 **Pattern Recognition**
Identifying relationships, sequences, and structures within abstract shapes and data.

2 **Logical Reasoning**
Applying structured thinking to determine rules, connections, and outcomes.

3 **Problem Solving in Unfamiliar Situations**
Working through new challenges without relying on prior knowledge or experience.

4 **Learning Agility**
Quickly understanding new concepts and adapting thinking as complexity increases.

5 **Information Processing**
Interpreting and organizing visual information to make accurate decisions.

6 **Cognitive Flexibility**
Shifting perspective and approach when patterns or rules change.



Languages

English (US & UK)
French
Dutch
Spanish (Castilian & Latin American)
Portuguese
Italian
German
Turkish
Arabic
Chinese

Norms

General population, Education-level norms, Role- and industry-based norms (where available)

The Abstract Reasoning 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 the ability to reason and work on abstract topics and concepts, and to solve problems without resorting to learned solutions.

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.

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