



ABILITY TEST REPORT

Diagrammatic Reasoning Test

A report for

Sam Sample

Sam Sample

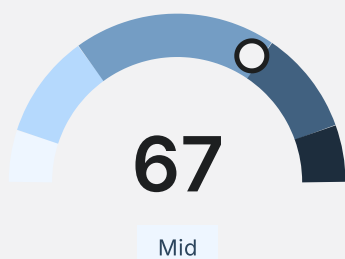
Completed 17/10/2026 · Report valid 18–24 months

This report is confidential and is intended solely for the person responsible for assessing Sam Sample, who completed the Diagrammatic Reasoning Test on 17/10/2026.

Interpreting scores

Sam's result on the Diagrammatic Reasoning Test is shown on a scale of 0 to 100. Use the key below to interpret it.

Very Low	Low	Mid	High	Very High
0–32	33–49	50–72	73–89	90–100

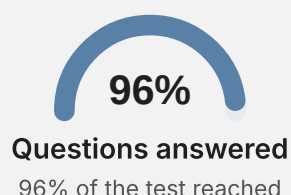
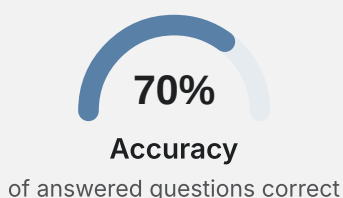
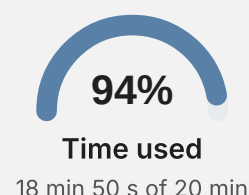


TEST SESSION

Recommended time: 20 minutes

Time taken: 18 minutes, 50 seconds

SPEED AND ACCURACY



This diagrammatic reasoning test assesses a candidate's ability to follow a set of rules step by step through a process, keep track of the result, choose the right path at a decision point, and work backwards to find a missing step. These skills will be apparent when:

- **Following a Process Step by Step:** Following a logical, rule-based process -- predicting what a procedure, program or system will do, in IT, engineering and technical work where each step depends on the last.
- **Decisions at a Switch:** Applying conditional logic -- "if this, then that" rules in procedures, troubleshooting guides and programs, where taking the wrong branch changes everything that follows.
- **Working Backwards to a Missing Step:** Diagnosing faults -- reasoning back from a result to the step that caused it, the logic behind root-cause problem solving and troubleshooting in IT and engineering.

Areas to probe at interview

The test gives one overall result, shown below as a broad position rather than a score. The overall result is the measure of ability. The three aspects listed under it are ways to explore that one result at interview; they are not separately measured, so each carries Sam's overall position. Use them to decide which skills to probe in more depth, and decide on the evidence gathered there whether to progress Sam. This page states the skills to explore; it does not prescribe exercises or questions — the interview should not repeat the test.

Result	Position
Overall result	<div><div>Low</div><div>Mid</div><div>High</div></div>

How to use this. Each area lists two skills for each position. **Low** — probe these in depth: the test says the skill needs checking. **Mid** — explore them where the role leans on the area: the basics held, so ask how Sam checks their own work. **High** — confirm them: the test was taken unsupervised. The column for Sam's own position in each area is marked. The positions are coarse by design; do not read a profile into small differences between them. Where an area carries too few items on a given form to be placed, the table says so and the area should simply be explored on its merits.

Area 1 — Following a Process Step by Step

What it measures: applying a chain of rules in order to a set of items, keeping track of the result after each step, through processes of two to four steps.

If Low — probe <ul style="list-style-type: none">applying each rule exactly as the key states it, in the order shownwriting down the result after each step rather than holding it all in their head	If Mid — explore ◀ Sam <ul style="list-style-type: none">how they keep track when a process has many stepshow they check their result before acting on it	If High — confirm <ul style="list-style-type: none">following longer and less tidy procedures at workpredicting the effect of a change to a process before it is made
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Area 2 — Decisions at a Switch

What it measures: checking a condition at a decision point and following the Yes or No path that it leads to.

If Low — probe <ul style="list-style-type: none">checking the condition against the result at that point in the process, not the starting pointfollowing the chosen path through to the end	If Mid — explore ◀ Sam <ul style="list-style-type: none">how they make sure they are applying a condition to the right informationwhat they do when a decision could go either way	If High — confirm <ul style="list-style-type: none">working with troubleshooting guides and decision trees at workexplaining why a process took the path it did
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Area 3 — Working Backwards to a Missing Step

What it measures: comparing what goes into a process with what comes out, and working out which rule must have been applied at the missing step.

If Low — probe <ul style="list-style-type: none">comparing the input and output to see exactly what changedruling rules out as well as ruling one in	If Mid — explore ◀ Sam <ul style="list-style-type: none">how they approach a problem when they know the result but not the causehow they confirm a diagnosis before acting on it	If High — confirm <ul style="list-style-type: none">finding the cause of real faults, where the evidence is less completeexplaining a diagnosis to someone who will put it right
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Rank candidates on the overall result; decide on the interview evidence.