ITESTHUB · ABILITY TEST REPORT

Spatial Reasoning

A report for

Sample Candidate

Sample Candidate

Completed 29/08/2026 · Norm group: 3,560 Job Applicants · Report valid 18–24 months

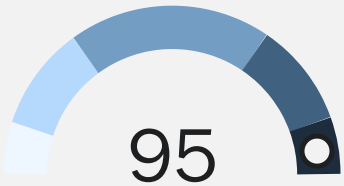
This report is confidential and is intended solely for the person responsible for assessing Sample Candidate, who completed the Spatial Reasoning on 29/08/2026.

Interpreting scores

Scores on Spatial Reasoning are calculated by comparing an individual's score with a large group of people (norm group) who have also completed the same test. These are expressed as 'percentiles' -- use the key below to benchmark Sample's result.

Very Low	Low	Mid	High	Very High
1–10%ile	11–30%ile	31–69%ile	70–89%ile	90–100%ile ▲

PERCENTILE



95

Very High

Sten 8.9

TEST SESSION

Recommended time: 20 minutes

Time taken: 0 minutes, 0 seconds

Norm group: 3,560 Job Applicants

What This Test Measures

This reasoning test assesses a candidate's ability to manipulate objects, spot patterns between shapes and to visualise movements and change in those shapes. These skills will be apparent when:

- Visualising the interactions of complex components: Spatial reasoning enables individuals to visualise how different components relate to one another and predict how they will interact when assembled, moved, or viewed from different perspectives. This is particularly valuable when working with machinery, structures, technical systems, and other complex three-dimensional arrangements.
- Producing plans and drawings relevant in engineering, architecture, surveying and design: Strong spatial skills support the ability to translate three-dimensional objects and environments into accurate two-dimensional plans, drawings, and diagrams, and to visualise three-dimensional structures from these representations. These skills are particularly relevant in engineering, architecture, surveying, construction, and design.
- Reading maps and being able to follow directions accurately: Spatial reasoning helps individuals interpret maps, plans, routes, and directional information and understand the relationships between different locations. This supports accurate navigation, route planning, and the ability to follow directions effectively, even when orientation or perspective changes.

Improving Your Spatial Reasoning Skills

Enhancing your spatial reasoning skills can significantly benefit various aspects of your personal and professional life. After taking a Spatial Reasoning test, you can adopt several practical strategies to build and refine these skills. This guide outlines key areas to focus on and practical tips for improvement.

1. Visualising the Interactions of Complex Components

Proficiency in this area indicates that a candidate can effectively visualise how complex components interact with each other. This skill is crucial in fields that require understanding the spatial relationships between different parts.

- 3D Visualisation: Practice visualising objects in three dimensions, considering how they fit and move together.
- Component Interaction: Study how different components interact in various systems, such as mechanical or electronic systems.
- Simulation Software: Use simulation software to model and visualise the interactions of complex components.

Practical Tip: Engage in activities such as 3D modeling, puzzle solving, and mechanical assembly projects to enhance your ability to visualise complex interactions.

2. Producing Plans and Drawings Relevant in Engineering, Architecture, Surveying, and Design

Proficiency in this area indicates that a candidate can create accurate and detailed plans and drawings, which are essential in engineering, architecture, surveying, and design.

- Technical Drawing: Practice technical drawing skills to produce precise and accurate plans.
- Blueprint Reading: Learn to read and interpret blueprints and architectural plans effectively.
- Design Software: Familiarise yourself with design software tools commonly used in your field, such as AutoCAD or SketchUp.

Practical Tip: Engage in activities such as drafting, blueprint analysis, and using design software to improve your planning and drawing skills.

3. Reading Maps and Following Directions Accurately

Proficiency in this area indicates that a candidate can accurately read maps and follow directions, which is essential for navigation and spatial orientation.

- Map Reading: Practice reading various types of maps, including topographic, road, and thematic maps.
- Direction Following: Develop your ability to follow complex directions accurately, whether written or verbal.
- Navigation Skills: Enhance your navigation skills using both traditional tools like compasses and modern tools like GPS devices.

Practical Tip: Engage in activities such as orienteering, hiking with map and compass, and using GPS for navigation to improve your map reading and direction following skills.

By incorporating these strategies into your routine, you can significantly improve your spatial reasoning skills. Whether for professional development or personal growth, enhanced spatial reasoning abilities will empower you to visualise complex interactions, produce detailed plans, and navigate accurately with confidence.