

# Bennett Mechanical Comprehension Test® (BMCT-II)

Measures ability to apply mechanical principles to solve problems



For more than 60 years, BMCT has been used as an objective and valid assessment to identify candidates with good spatial perception and mechanical reasoning abilities, as well as those with an aptitude for learning mechanical processes and tasks.

BMCT-II is available online and is used in three primary applications:

- **Recruitment:** For job roles across a wide range of industry sectors, including electrical, engineering and mechanical roles. The test is used to evaluate a candidate's understanding of mechanical reasoning and spatial awareness.
- **Training:** The test can also be used to predict how well a candidate will learn key concepts in an educational training course related to mechanical reasoning. Pre- and post-tests may be given to gauge the trainee's learning and the effectiveness of the training program.
- **Risk Management:** Hiring individuals with poor mechanical reasoning for roles that involve driving, using heavy machinery, repairing equipment, or similar tasks could result in workplace injuries and equipment damage. Screen potential candidates for their mechanical aptitude.

## Available online

BMCT-II is available online. The online format and item-banked items allows off-site, unproctored screening early in the hiring process, with no two applicants receiving the same set of questions.

- Suitable for applicant screening or pre-training
- Age 16+
- 25 minutes timed
- 55 items + 2 practice questions untimed
- Online for unsupervised and/or supervised completion
- Easy to administer. Online test link can be sent to any number of test-takers with one click.
- Test and reports available in over six languages, allowing it to be used internationally.
- Has a very high equivalence to the BMCT-I at 0.81.

BMCT-II was developed to measure the following abilities that are required for success in specific job roles or training courses:

- Mechanical comprehension
- Spatial Visualisation
- Knowledge of basic physical and mechanical laws
- Deduction of how machinery works

It is a proven predictor of performance in roles requiring a knowledge of these abilities.

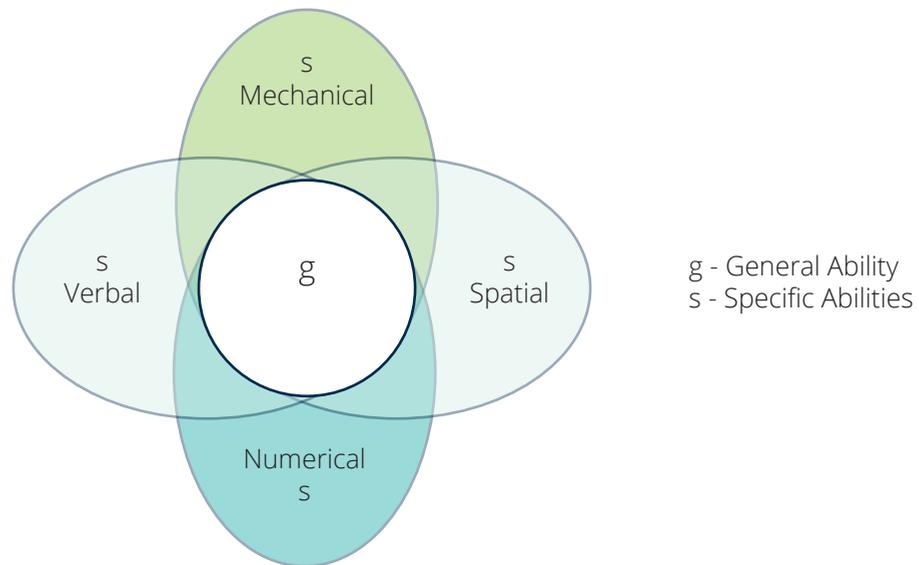
In addition those with higher BMCT-II scores are more likely to have greater spatial awareness.

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### Four Specific Abilities

Mechanical Reasoning Ability is one of the 4 specific abilities measured by recruiters. It is required in a number of job roles and is defined as the ability to apply basic mechanical and physical principles to solve problems



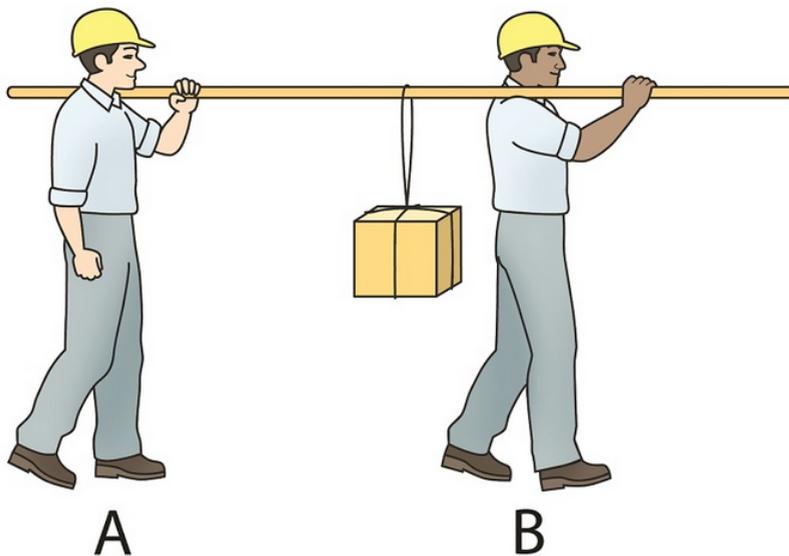
### SAMPLE ITEM

#### Bennett Mechanical Comprehension Test® II

Look at the sample on this screen. It shows two men carrying a weighted object on a plank, and it asks, "Which man carries more weight?" Because the object is closer to man "B" than to man "A," man "B" is shouldering more weight; so you would select "B."

Which man carries more weight? (If equal, mark C.)

Review



A  B  C