



**SYMBIOTICS**

**Mechanical Reasoning**

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## Mechanical Reasoning Test:

This test comprises of randomly generated questions which increase in difficulty through different aspects of Mechanical Reasoning: Pulleys, Levers, Gears, Belts, Springs, Gravity, Electricity and Hydraulics.

This test assesses your ability to apply knowledge, formulae and calculations from the mechanical field. People who perform well on this test tend to be comfortable with working with applied data.

This report will present a percentage score for each of these sections along with providing an overall percentage score.

The number reported with a letter 's' after it represents the average time you took to respond to questions at each level.

## Your Results:

**Overall Result:** 73% Overall

### Sub-section Results:

<b>Pulleys:</b>	50% 13.41s	<b>Levers:</b>	83% 21.65s	<b>Gears:</b>	100% 25.16s	<b>Belts:</b>	100% 11.76s
<b>Springs:</b>	50% 6.66s	<b>Gravity:</b>	83% 7.32s	<b>Electricity:</b>	67% 11.17s	<b>Hydraulics:</b>	50% 4.95s

## Resources to help you to develop your skills:

Please find below some example resources and methods to help direct your study to develop your Mechanical Reasoning skills:

One potential resource is Mechanical Reasoning revision guides, which provide theory with example questions. Try an Internet search for 'Mechanical Reasoning Revision Guides' or 'Mechanical Reasoning Theory' to see a variety of different books available that cover 'mechanical reasoning' in general.

If your Mechanical Reasoning test results have identified a specific area within Mechanical Reasoning that you could improve, or you would like to study an area in greater detail, try an Internet search for the specific Mechanical Reasoning section listed in your report (for example: Mechanical reasoning pulleys, Mechanical reasoning gears, Mechanical reasoning belts etc.) to access up to date textbooks and example questions.

Sample  
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