Critical Thinking Skills Tested by the Critical Thinking Assessment Test

http://www.tntech.edu/cat/home/

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| **Question #** | **Critical Thinking Skill** |
| Q1 | Summarize the pattern of results in a graph without making inappropriate inferences. |
| Q2 | Evaluate how strongly correlation-type data supports a hypothesis. |
| Q3 | Provide alternative explanations for a pattern of results that has many possible causes. |
| Q4 | Identify additional information needed to evaluate a hypothesis/interpretation. |
| Q5 | Evaluate whether spurious relationships strongly support a claim. |
| Q6 | Provide alternative explanations for spurious relationships. |
| Q7 | Identify additional information needed to evaluate a hypothesis/interpretation. |
| Q8 | Determine whether an invited inference in an advertisement is supported by information. |
| Q9 | Provide relevant alternative interpretations of information. |
| Q10 | Separate relevant from irrelevant information when solving a real-world problem. |
| Q11 | Analyze and integrate information from separate sources to solve a real-world problem. |
| Q12 | Use basic mathematical skills to help solve a real-world problem. |
| Q13 | Identify suitable solutions for a real-world problem using relevant information. |
| Q14 | Identify and explain the best solution for a real-world problem using relevant information. |
| Q15 | Explain how changes in a real-world problem situation might affect the solution. |