**Criterion A: Knowledge and Understanding**

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| **Achievement Level** | **Level Descriptor** |
| 0 (50) | The student does not reach a standard described by any of the descriptors below. |
| 1-2 (55) | The student **generally** makes appropriate deductions when solving **simple** problems in **familiar** contexts. |
| 3-4 (60) | The student **generally** makes appropriate deductions when solving **more complex** problems in **familiar** contexts. |
| 5-6 (65) | The student **generally** makes appropriate deductions when solving **challenging** problems in a **variety** of **familiar** contexts. |
| 7-8 (70) | The student **consistently** makes appropriate deductions when solving **challenging** problems in a **variety** of contexts including **unfamiliar**  **situations**. |

**Criterion D: Reflection in Mathematics**

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| **Achievement Level** | **Level Descriptor** |
| 0 (0) | The student does not reach a standard described by any of the descriptors below. |
| 1-2 (10) | The student **attempts to explain** whether his or her results make sense in the context of the problem. The student **attempts to describe** the importance of his or her findings in connection to real life where appropriate. |
| 3-4 (20) | The student **correctly but briefly explains** whether his or her results make sense in the context of the problem. The student **describes the importance** of his or her findings in connection to real life where appropriate. The student **attempts to justify** the degree of accuracy of his or her results where appropriate. |
| 5-6 (30) | The student **critically explains** whether his or her results make sense in the context of the problem. The student provides a **detailed explanation** of the importance of his or her findings in connection to real life where appropriate. The student **justifies** the degree of accuracy of his or her results where appropriate. The student suggests improvements to his or her method where appropriate. |

Name: Score: