

## Functions Unit Project Rubrics

### Performance Task 1

- [4] Student gives clear and correct diagrams and explanations
- [3] Student gives diagrams and explanations that may contain some minor errors.
- [2] Student answers one part correctly and the other part has major errors.
- [1] Student gives diagrams or explanations that contain major errors or omissions.
- [0] Student makes little or no effort.

### Performance Task 5

- [4] Student shows understanding of the task, completes all portions of the task appropriately with no errors in computation, and fully supports work with appropriate explanations.
- [3] Student shows understanding of the task, completes all portions of the task appropriately, with one error in computation, and supports work with appropriate explanations.
- [2] Student shows understanding of the task, but makes errors in computation resulting in incorrect answer(s), or needs to explain better.
- [1] Student shows minimal understanding of the task or offers little explanation.
- [0] Student shows no understanding of the task and offers no explanation.

### Performance Task 6

- [4] Student shows understanding of the task, completes all portions of the task appropriately, and fully supports work with appropriate graph explanations.
- [3] Student shows understanding of the task, completes all portions of the task appropriately, and supports work with appropriate graphs and explanations with minor error.
- [2] Student shows understanding of the task, but needs to explain better.
- [1] Student shows minimal understanding of the task or offers little explanation.
- [0] Student shows no understanding of the task and offers no explanation.

**Performance Tasks 2-4**

**Developing Autonomy—The student**

3	Persevered to complete the problem without help
2	Completed most of the problem without help
1	Needed key hints to complete the problem
0	Needed extensive guidance to work the problem

**The Solution Process—The student’s work showed**

3	A complete and appropriate solution process
2	An appropriate solution process that is almost complete
1	An appropriate process that is partially complete
0	An inappropriate process or no evidence of a process

**The Conclusion/Answer—The student’s answer is an**

3	Accurate conclusion, supported by valid evidence and reasons, appropriate to this problem and context
2	Inaccurate but logical conclusion, supported by evidence and reasoning but incorrect due to a minor factual error (in details of problem, in computation, recall a formula, etc.) or minor mistake in reasoning
1	Inaccurate but logical conclusion that overlooks, or gets wrong significant facts (about the problem, the rule, computation, etc.)
0	Inappropriate conclusion: not supported by facts and logic, or there is no conclusion