Rubric for Quadrilaterals Project (Total: 55 points)

	5	4	3	2	1	0
Functionality (15 points)	-Project works as expected -No erroneous output	-Project works as expected -Debugging steps are present	-Project sometimes works as expected -Project is broken under certain circumstances	-Project rarely works as expected -Project is easily broken	-Project compiles but crashes	-Project does not compile
Encapsulation (10 points)	-All instance data is declared with proper visibility -All classes have relevant constructors -All instance variables have accessor and mutator methods	-Instance data is not declared with proper visibility -All classes have relevant constructors -All instance variables have accessor and mutator methods	-Instance data is not declared with proper visibility -No constructors exist -All instance variables have accessor and mutator methods	-Instance data is not declared with proper visibility -No constructors exist -Most instance variables have accessor and mutator methods	-Instance data is not declared with proper visibility -No constructors exist -Instance variables do not have accessor and mutator methods	-Required classes are missing
Required Components (10 points)	-Both required standalone classes exist -All required methods are implemented	-Both required standalone classes exist -Most required methods are implemented	-Both required standalone classes exist -Some required methods are implemented	-One required standalone classes exists -All required methods in that class are implemented	-One required standalone class exists -Some required methods in that class are implemented	-Both required classes are missing
Driver Class (5 points)	-Driver class exists that fully and accurately tests required classes	-Driver class exists that tests most functionality of both required classes	-Driver class exists that tests some functionality of both required classes	-Driver class exists that tests some functionality of one required class	-Driver class exists that is irrelevant to the required classes	-Driver class doesn't exist or doesn't compile
Documentation and readability (5 points)	-Comments are present throughout code -Code and comments are properly formatted	-Comments are present throughout most of code -Code and comments are properly formatted	-Comments are present throughout code -Code and comments are improperly formatted	-Comments in code are rare and inaccurate -Code and comments are properly formatted	-Comments in code are rare and inaccurate -Code is poorly formatted	-No comments are present in the code -Code is poorly formatted
Efficiency and user-friendliness (10 points)	-Program follows conventions of coding styles -All code present is at maximum efficiency -User interactions are clear and concise	-Program follows conventions of coding styles -All code present is at maximum efficiency -Not all user interactions are clear and concise	-Program follows conventions of coding styles -Most code present is at maximum efficiency -Not all user interactions are clear and concise	-Program does not follow conventions of coding styles -Some code present is at maximum efficiency -Not all user interactions are clear and concise	-Program does not follow conventions of coding styles -Code is generally inefficient -User interaction is unclear	-Program does not compile or program crashes

GRADE: _____