Math 225 - Differential Equations I
Assignment # 1 Research Article - Marking Scheme

The table below gives the elements of the research article that must be present, and the point value for each. For each requirement, decide to what extent the requirement has been met, and assign a mark accordingly. In the table below "the differential equation" refers to "the differential equation for exponential growth". Note that if the article is more than two pages (double-spaced or 1 1/2-spaced, 12-pt font) you only mark the material that is on the first two pages.

Element of the Research Article	Point Value	Mark (mrkr 1)	Mark (mrkr 2)	Mark (mrkr 3)
Paragraph 1				
explain what the differential equation is is	1			
explain how the differential equation works	1			
derive the solution to the differential equation	1			
closing sentence that leads into next paragraph	1			
Paragraph 2				
application presented	1			
equation presented	1			
variables and parameters explained (context)	1			
use of solution explained	1			
Paragraph 3				
different application presented	1			
equation presented	1			
variables and parameters explained (context)	1			
use of solution explained	1			
Paragraph 4				
implications of exponential growth explained	1			
arguments presented: why people must understand exponential growth	1			
good closing sentences (tie the article together)	1			
References				
bibliography present with proper format	1			
6 references given with at most one website	1			
references properly cited in the text	1			
Presentation				
correct grammar throughout	1			
correct spelling throughout	1			
article flows well (sentences aren't awkward, ideas follow naturally, the article is pleasant to read)	2			
Total				

Use the reverse side of this page for comments.

Comments from Marker #1:

Comments from Marker #2:

Comments from Marker #3: