Quiz

Directions: Carefully read each question below and answer to the best of your ability in the space provided. You **MUST** show your work to receive full credit!

1. (5 points) Suppose $f(x) = 2x^2 - 4x - 5$. Find the intervals on which f(x) is increasing and the intervals on which f(x) is decreasing.

2. (5 points) Find the value of x on the interval [-1,4] at which $f(x) = 2x^2 - 4x - 5$ (same as above) attains its minimum. Be sure to justify your answer.

Name:				
Section (circle one):	021	022	023	024

Question:	1	2	Total
Points:	5	5	10
Score:			

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