

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) Find the intervals on which $f(x) = 2x^3 - 6x^2 - 3x + 8$ is concave up and the intervals on which $f(x)$ is concave down.
2. (5 points) Using the constraint equation $4x + 2y = 100$, write the product $A = xy$ as an equation in terms of x only.

Name: _____

Section (circle one): 021 022 023 024

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