

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) Let $H(x) = (x^3 + f(x))^2$. Given that $f(2) = -1$ and $f'(2) = 4$, find $H'(2)$.

2. (5 points) Suppose $f(x) = x^2 - 6x + 8$. Find the intervals on which $f(x)$ is increasing.

Name: _____

Section (circle one): 021 022 023 024

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