Let $f(x) = 20 + 9x - x^3$.

SCORE: ____ / 4 PTS

[a] f has one zero. Find the zero to 2 decimal places.

3,78

[b] f has one local minimum. Find the x – coordinate of the local minimum to 2 decimal places.

-1.73

[c] Find the interval over which f is increasing. Write your final answer in interval notation to 2 decimal places.