Math 19: Quiz 7   Name: _____

For full credit you must show your work. Partial credit may be given for incorrect solutions if sufficient work is shown.

For the function $f(x) = x^3 - 3x^2 - 24x$, find

1. the interval(s) where f is concave/up down (4 pts)

2. point(s) of inflection (3 pts)

3. the absolute maximum and minimum on $[0, 6]$ (3 pts)