

Quiz 4

Name:

1. Let $p(x) = 2x^3 - 12x^2 + 18x - 1$.
 - a. Compute $p'(x)$ and $p''(x)$.
 - b. Where is $p(x)$ increasing? decreasing?
 - c. Where is $p(x)$ concave up? concave down?
 - d. Plot $p(x)$.

2. Use the following graph of $y = f(x)$ to plot $f'(x)$ and $f''(x)$.

