

QUIZ # 5NAME:

1. Let $f(x) = x^3 - 4x^2 + 7x - 11$.

a) Find $f'(x)$.b) Calculate $f'(0)$.

2. Let $f(t) = t^4 - 3t^2 + 5t$. Find $f'(t)$, then $f''(t)$.

3. Differentiate $f(x) = x^3 + 3^x$. What is $f'(0)$?