1. Find a Maclaurin polynomial for f(x). Include at least five non-zero terms.

What is
$$f'''(0)$$
? $f^{(7)}(0)$? $f^{(8)}(0)$?

2. Use your Maclaurin polynomial for f(x) to find the Maclaurin polynomial for g(x)

What is
$$g^{(6)}(0)$$
? $g^{(7)}(0)$? $g^{(328)}(0)$?