Quiz 6 (A)

Question 1. Find the derivatives of the following functions (do not simplify):

(a) *(2 marks)* $f(t) = (2t-1)^4 + (2t+1)^4$

(b) *(4 marks)* $f(x) = \sqrt{(x+3)(x^2-1)}$

(b) *(4 marks)* $f(x) = \dfrac{\sqrt{x^2+1}}{\sqrt{x^2-1}}$