

14. f(x) = (x^3 + 2x+ 1) (2+ (1)/(x^2)) Find derivative

34. Suppose f and g are functions that are differentiable at x = 1 and that:

 f(1) = 2

 f prime (1) = -1

g(1) = -2

g prime (1) = 3

Find the Value of h prime (1) for : h(x) = f(x)g(x) / f(x) – g(x)