[7] Find the value of $h(1)$, $h'(1)$ and $h''(1)$ if $h(x) = f(g(x))$ and

$$f(x) = \sqrt{x^2 + 1}$$
$$g(x) = \sqrt{x^2 + 2}$$

[8] If $y = \sqrt{1 - x^2}$, evaluate the following expression when $x = \frac{1}{2}$

$$\frac{(1 + (y')^2)^3}{(y'')^2}$$