SECTION 3-6: THE CHAIN RULE

1. Recall Two Versions of the Chain Rule

2. Understanding what the "formulas" in the book are trying to communicate:

3. (Some additional independent practice) Find the derivatives.

    (a) $f(x) = (\sec(3x) + \csc(2x))^5$

    (b) $g(x) = \frac{\cot(x^2+1)}{x^3+1}$

    (c) $h(x) = (2x - 1)^3(2x + 1)^5$

4. Find all x-values where the tangent to $f(x) = (x^2 - 4)^3$ is horizontal.