1. Recall Two Versions of the Chain Rule

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

3. $h(x) = \frac{2x(2x+1)^5}{\cos(2x+1)}$

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

5. Use the table below to evaluate the derivatives of the given functions at the indicated vaue.

x	$f(x)$	$f'(x)$	$g(x)$	$g'(x)$
-1	2	-1	0	1
0	1	2	3	4
1	-1	-2	-3	-4
2	0	4	3	2

(a) $h(x) = f(g(x) - 2x)$ at $a = 2$.

(b) $k(x) = \left(\dfrac{f(x)}{g(x^2)} \right)^2$ at $a = 1$

3-6 Chain Rule