

1. Let $h(x) = f(g(3x))$ use the information in the table to evaluate $h'(1)$

x	$f(x)$	$g(x)$	$f'(x)$	$g'(x)$
1	3	1	4	6
2	1	3	5	-2
3	4	2	7	5

2. Find the derivative of $y = \frac{A}{B + Ce^{-x}}$ using the quotient rule.