













Linearity	
$f(x_1 + x_2) = f(x_1) + f(x_2)$	
f(x) = 3x + 4	
f(1) = 3(1) + 4 = 7 f(2) = 3(2) + 4 = 10	
f(1+2) = f(3) = 3(3) + 4 = 13	
The function of the sum of the values. Note that since $13 \neq +7 + 10$, this function does not work! Even though it has a linear term, it also has a constant term and the function is not purely linear.	
8 Hide Text	















































