



II. Compositions of Functions--combining 2 functions to form the composition of one with the other. $f \cdot g$ read f of g f'09 ***The domain of the composition is derived from 2 places. Look at the end result and the function you are substituting in. D: For example: $f(x) = x^2$ and g(x) = x + 1)(x)=1 =f(1(x+1) =1 = x²+2x+1 D:(-0-0-)

Ex 3) Find f(g(x)), f(g(2)), and f(g(0)). $f(x) = \sqrt[n]{(x)}$ and g(x) = x - 1= V-T P.N.E. 2 Ex 4) f(x) = x + 2 and $g(x) = 4 - x^2$. Evaluate g(f(x)) and when x = 0, 1, 2. 9(A) = 4-(x+2)² \ = 4-(x²+4x+4 ½ ~x²-4x X=2:-