Function Notation and Exponential Functions

x	0	1	2	3	4	5	6
y	1	3	9	27	81	243	729

Use the table above to find:

a.) f(0) = _____ b.) f(2)= _____ c.) f(4)=_____ d.) f(6)= _____

Function Notation and Exponential Functions

x	0	1	2	3	4	5
y	10000	5000	2500	1250	625	312.5

Use the table above to find:

a.) f(0) = _____ b.) f(1)= _____ c.) f(3)=_____ d.) f(5)= _____

Use the function rule to find the following: $f(x) = 3^x$

a. f(1) = _____ b.) f(2) = _____ c.) f(3) = _____ d.) f(4)=_____

Use the function rule to find the following: $f(x) = 3(2)^x$

a. f(1) = _____ b.) f(2) = _____ c.) f(3) = _____ d.) f(4)=_____

Use the function rule to find the following values of x: $f(x) = 5^x$

a. f(x) = 25 b.) f(x) = 625 c.) f(x) = 125 d.) f(x) = 5

Use the function rule to find the following: $f(x) = 2(4)^x$

a. f(x) = 8 b.) f(x) = 128 c.) f(x) = 512 d.) f(x) = 32