20181013d inverse and composite function

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### Inverse function

Suppose f(x) = x/(1+x) What would be the inverse function

yacas('Solve(x/(1+x)==y,x)')

## expression(list(x == y/(1 - y)))

### 

### Composite function

Suppose f(x) = x+1, g(x) = x^4;  
Now to find the composite function g(f(x))

x = Sym('x')  
gx = function(x) {  
 yacas(Eval(x^4),list(x=x))  
}  
fx = x+1 # Just plain, no brackets  
gx(fx) # No 'yacas'

## expression((x + 2)^4)

Expand(gx(fx))

## expression(x^4 + 8 \* x^3 + 24 \* x^2 + 32 \* x + 16)