CS421: hw1 Summer 2015

Dan McQuillan Handed In: June 3, 2015

## 1. Problem 1

let 
$$x = 5$$
;;  
let  $a = x * 4$ ;;  
 $\rho_1 = \{x \to 5, a \to 20\}$   
let  $g = x = x + (3 * a)$ ;;  
 $\rho_2 = \{g \to < \text{fun } x \to x + (3 * a), \rho_1 >, x \to 5, a \to 20\}$   
let  $a = g (g 3)$ ;;  
 $\rho_3 = \{a \to 123, g \to < \text{fun } x \to x + (3 * a), \rho_1 >, x \to 5\}$   
let  $b =$   
let  $f = x = x + (3 * a)$  in  
 $f = x + (3 * a)$  let  $f = x +$