

# Unification

Unify, if possible, the following pairs of predicates:

$P(g(h(x)), f(g(h(b))), f(x))$   
 $P(y, f(y), z)$

$P(g(h(x)), f(h(y)), y)$   
 $P(g(z), f(z), h(a))$

$P(x, h(b), h(x))$   
 $P(f(g(y)), y, h(f(g(h(a)))))$

$P(x, g(x), z)$   
 $P(f(y), g(f(b)), h(y))$

$P(f(g(x)), g(b), h(x))$   
 $P(f(y), y, h(c))$

$P(x, h(x), h(y))$   
 $P(f(g(z)), h(f(g(b))), h(z))$