

Unification

Unify, if possible, the following pairs of predicates:

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

$$P(y, f(y), z)$$

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

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

$$P(x, h(b), h(x))$$

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

$$P(x, g(x), z)$$

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

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

$$P(f(y), y, h(c))$$

$$P(x, h(x), h(y))$$

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