

```
;; subst: Expr symbol Expr -> Expr
;; (subst in what for) substitutes all free occurrences of
;; identifier 'what' in expression 'in' for expression 'for'
(define (subst in what for)
  (match in
    [(num n) (num n)]
    [(add l r) (add (subst l what for) (subst r what for))]
    ...
    [(app f e) (app f (subst e what for))]))
```