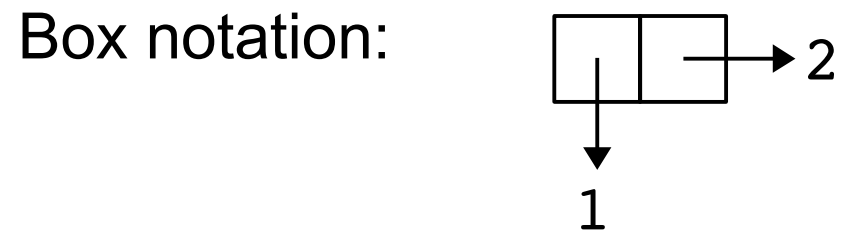


Pairs

Expression: `(cons 1 2)`

Internal form: `(1 . 2)`

Printed form: `(1 . 2)`

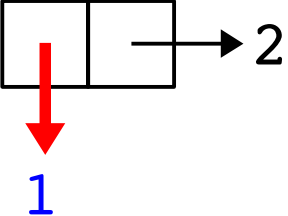


Pairs

Expression: `(cons 1 2)`

Internal form: `(1 . 2)`

Printed form: `(1 . 2)`

Box notation: 

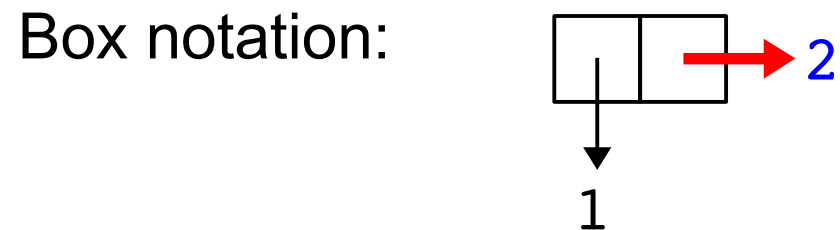
`(car x) = 1`

Pairs

Expression: `(cons 1 2)`

Internal form: `(1 . 2)`

Printed form: `(1 . 2)`



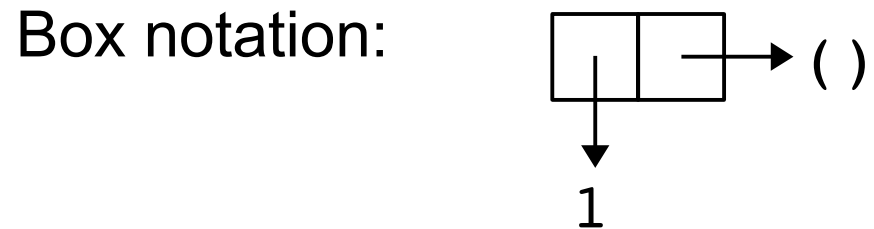
`(cdr x) = 2`

Pairs

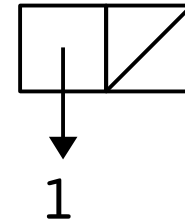
Expression: `(cons 1 '())`

Internal form: `(1 . ())`

Printed form: `(1)`



or:

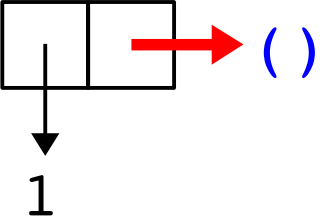


Pairs

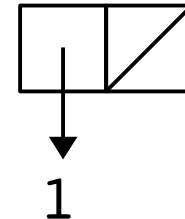
Expression: `(cons 1 '())`

Internal form: `(1 . ())`

Printed form: `(1)`

Box notation: 

or:



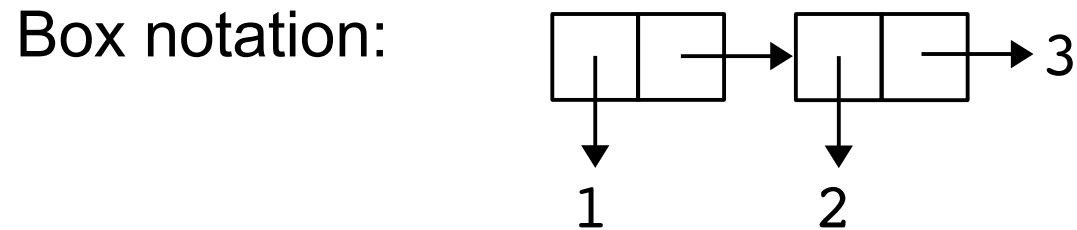
`(cdr x) = ()`

Pairs

Expression: `(cons 1 (cons 2 3))`

Internal form: `(1 . (2 . 3))`

Printed form: `(1 2 . 3)`

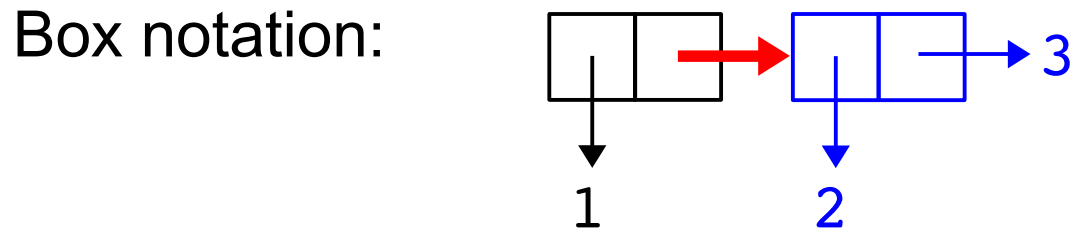


Pairs

Expression: `(cons 1 (cons 2 3))`

Internal form: `(1 . (2 . 3))`

Printed form: `(1 2 . 3)`



`(cdr x) = (2 . 3)`

Pairs

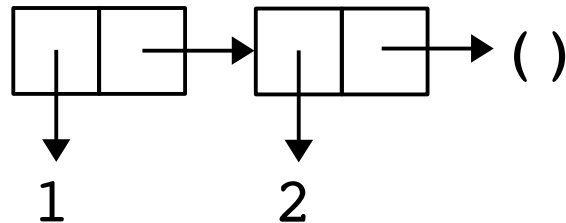
Expression: `(cons 1 (cons 2 ' ()))`

or: `(list 1 2)`

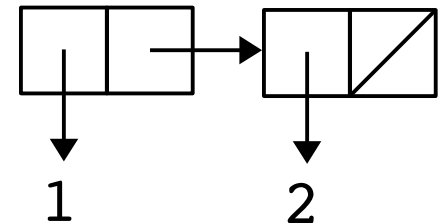
Internal form: `(1 . (2 . ()))`

Printed form: `(1 2)`

Box notation:



or:



Pairs

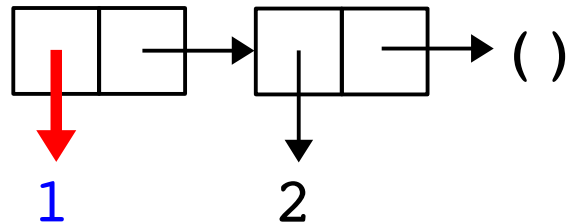
Expression: `(cons 1 (cons 2 ' ()))`

or: `(list 1 2)`

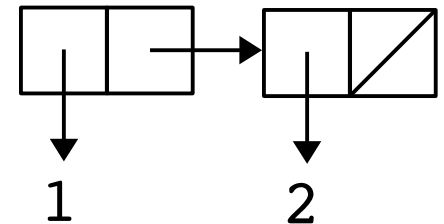
Internal form: `(1 . (2 . ()))`

Printed form: `(1 2)`

Box notation:



or:



`(car x) = 1`

Pairs

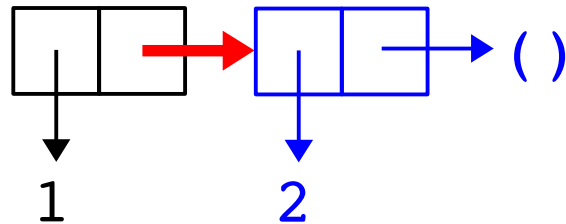
Expression: `(cons 1 (cons 2 ' ()))`

or: `(list 1 2)`

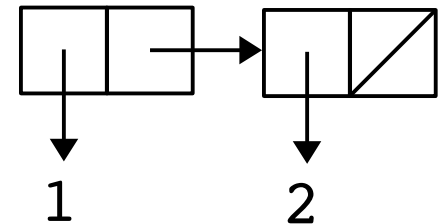
Internal form: `(1 . (2 . ()))`

Printed form: `(1 2)`

Box notation:



or:



`(cdr x)` = `(2 . ())`
= `(2)`

Pairs

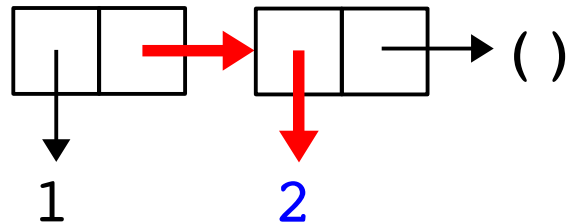
Expression: `(cons 1 (cons 2 ' ()))`

or: `(list 1 2)`

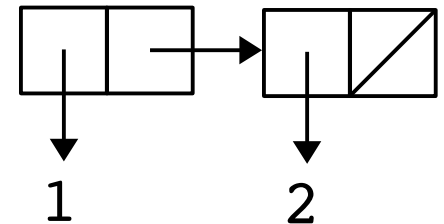
Internal form: `(1 . (2 . ()))`

Printed form: `(1 2)`

Box notation:



or:



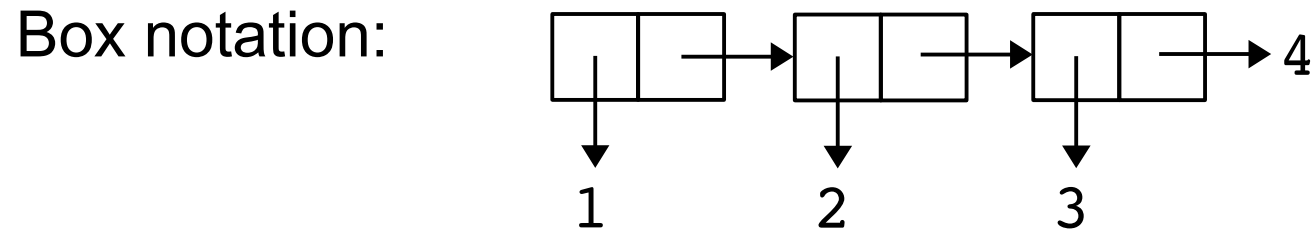
`(car (cdr x)) = 2`

Pairs

Expression: `(cons 1 (cons 2 (cons 3 4)))`

Internal form: `(1 . (2 . (3 . 4)))`

Printed form: `(1 2 3 . 4)`



Pairs

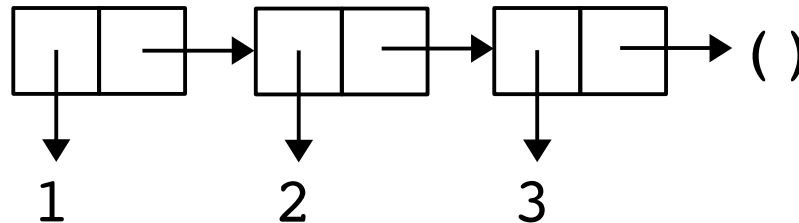
Expression: `(cons 1 (cons 2 (cons 3 ' ())))`

or: `(list 1 2 3)`

Internal form: `(1 . (2 . (3 . ())))`

Printed form: `(1 2 3)`

Box notation:



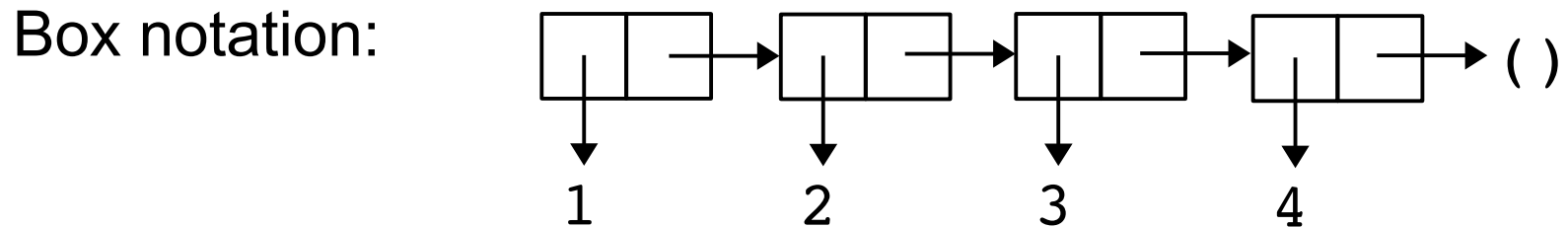
Pairs

Expression: `(cons 1 (cons 2 (cons 3 (cons 4 ' ())))`

or: `(list 1 2 3 4)`

Internal form: `(1 . (2 . (3 . (4 . ())))`

Printed form: `(1 2 3 4)`



Pairs

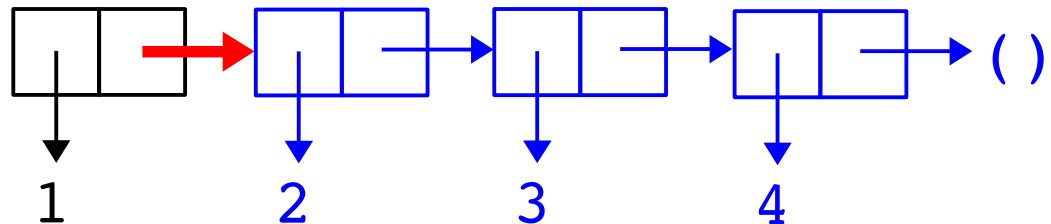
Expression: `(cons 1 (cons 2 (cons 3 (cons 4 ' ())))`

or: `(list 1 2 3 4)`

Internal form: `(1 . (2 . (3 . (4 . ())))`

Printed form: `(1 2 3 4)`

Box notation:



`(cdr x) = (2 3 4)`

Pairs

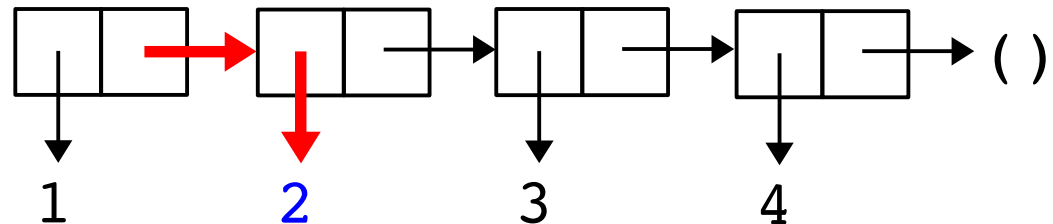
Expression: `(cons 1 (cons 2 (cons 3 (cons 4 ' ())))`

or: `(list 1 2 3 4)`

Internal form: `(1 . (2 . (3 . (4 . ())))`

Printed form: `(1 2 3 4)`

Box notation:



`(car (cdr x)) = 2`

Pairs

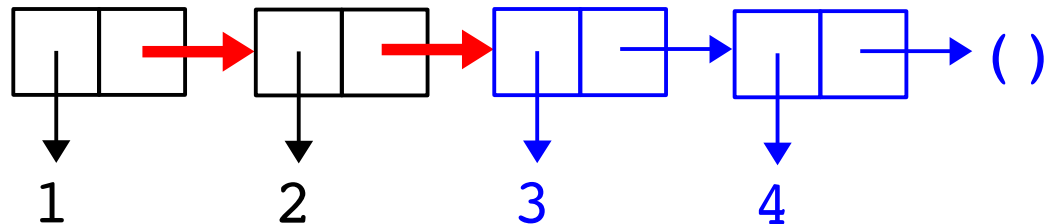
Expression: `(cons 1 (cons 2 (cons 3 (cons 4 ' ())))`

or: `(list 1 2 3 4)`

Internal form: `(1 . (2 . (3 . (4 . ())))`

Printed form: `(1 2 3 4)`

Box notation:



`(cdr (cdr x)) = (3 4)`

Pairs

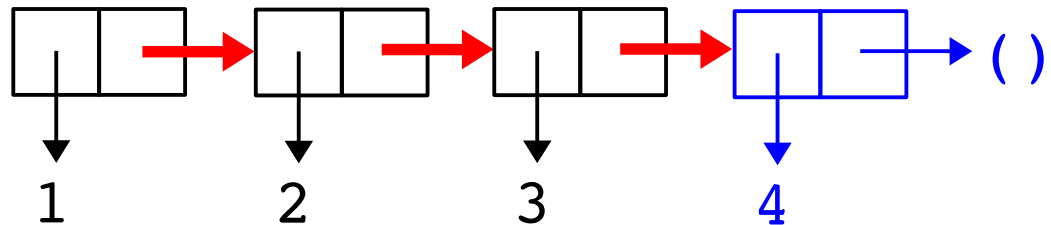
Expression: `(cons 1 (cons 2 (cons 3 (cons 4 ' ())))`

or: `(list 1 2 3 4)`

Internal form: `(1 . (2 . (3 . (4 . ())))`

Printed form: `(1 2 3 4)`

Box notation:



`(cdr (cdr (cdr x))) = (4)`

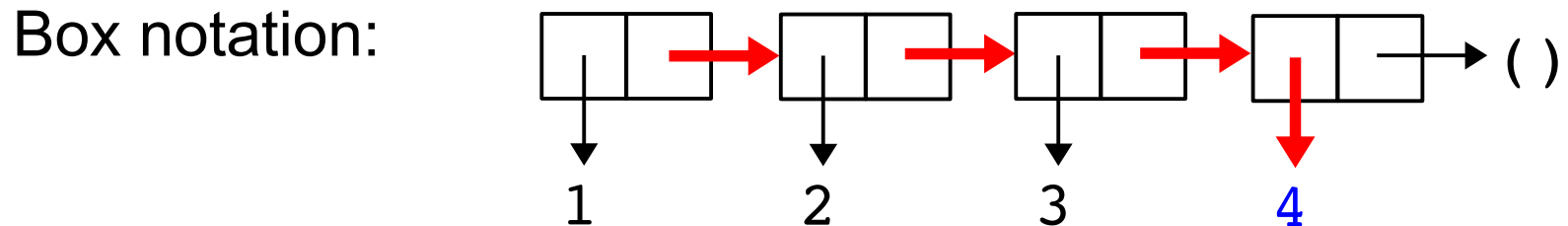
Pairs

Expression: `(cons 1 (cons 2 (cons 3 (cons 4 ' ())))`

or: `(list 1 2 3 4)`

Internal form: `(1 . (2 . (3 . (4 . ())))`

Printed form: `(1 2 3 4)`



`(car (cdr (cdr (cdr x)))) = 4`

Pairs

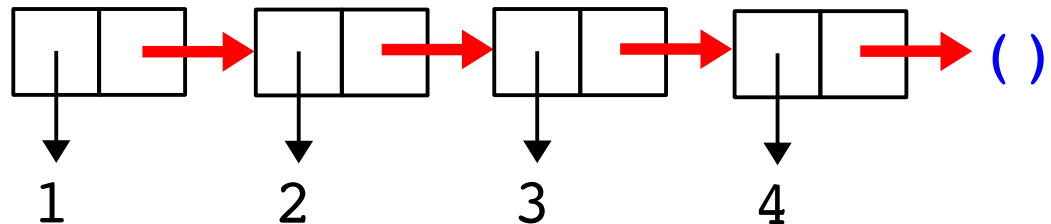
Expression: `(cons 1 (cons 2 (cons 3 (cons 4 ' ())))`

or: `(list 1 2 3 4)`

Internal form: `(1 . (2 . (3 . (4 . ())))`

Printed form: `(1 2 3 4)`

Box notation:



`(cdr (cdr (cdr (cdr x)))) = ()`

Pairs

Expression: `(cons '() 1)`

Internal form: `(() . 1)`

Printed form: `(() . 1)`

Box notation: 

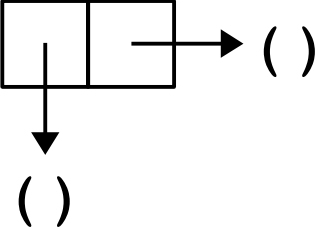
Pairs

Expression: `(cons '() '())`

or: `(list '())`

Internal form: `(() . ())`

Printed form: `(())`

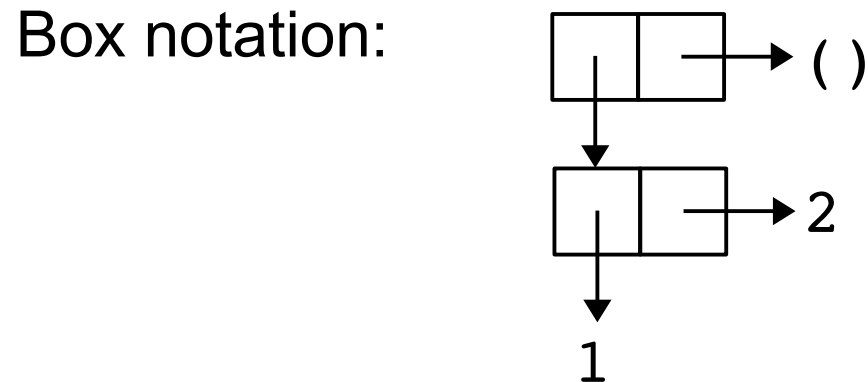
Box notation: 

Pairs

Expression: `(cons (cons 1 2) '())`
or: `(list (cons 1 2))`

Internal form: `((1 . 2) . ())`

Printed form: `((1 . 2))`

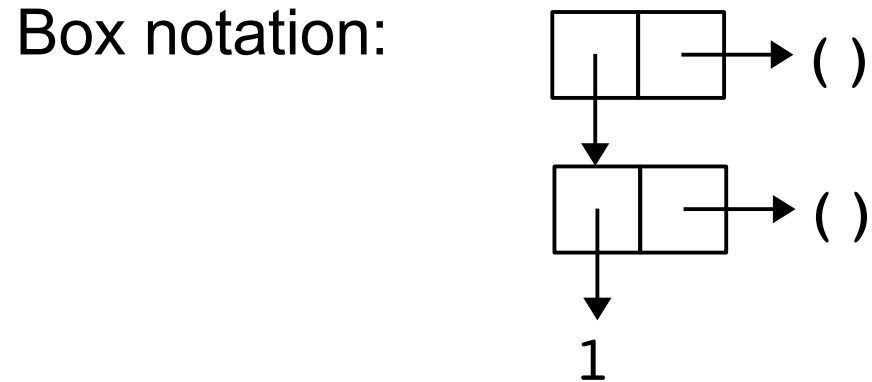


Pairs

Expression: `(cons (cons 1 '()) '())`
or: `(list (list 1))`

Internal form: `((1 . ()) . ())`

Printed form: `((1))`



Pairs

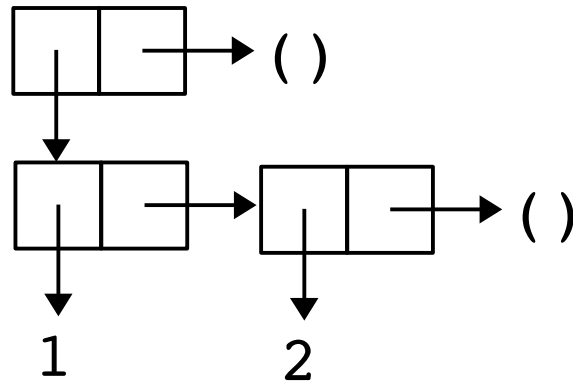
Expression: `(cons (cons 1 (cons 2 ' ())) ' ())`

or: `(list (list 1 2))`

Internal form: `((1 . (2 . ())) . ())`

Printed form: `((1 2))`

Box notation:



Pairs

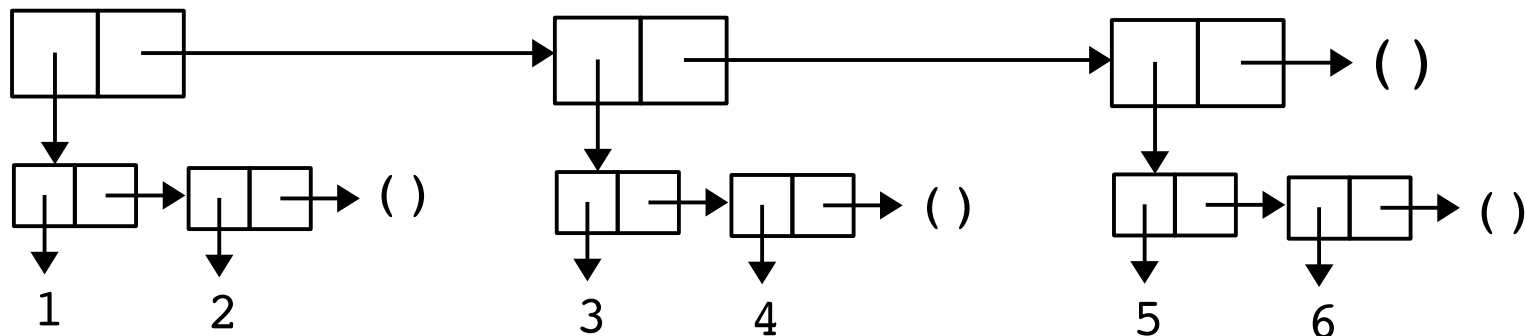
Expression: `(list (list 1 2) (list 3 4) (list 5 6))`

or: `(cons (cons 1 (cons 2 '())) (cons (cons 3 (cons 4 '())) (cons (cons 5 (cons 6 '())) '())))`

Internal form:

`((1 . (2 . ())) . ((3 . (4 . ())) . ((5 . (6 . ())) . ())))`

Printed form: `((1 2) (3 4) (5 6))`



Pairs

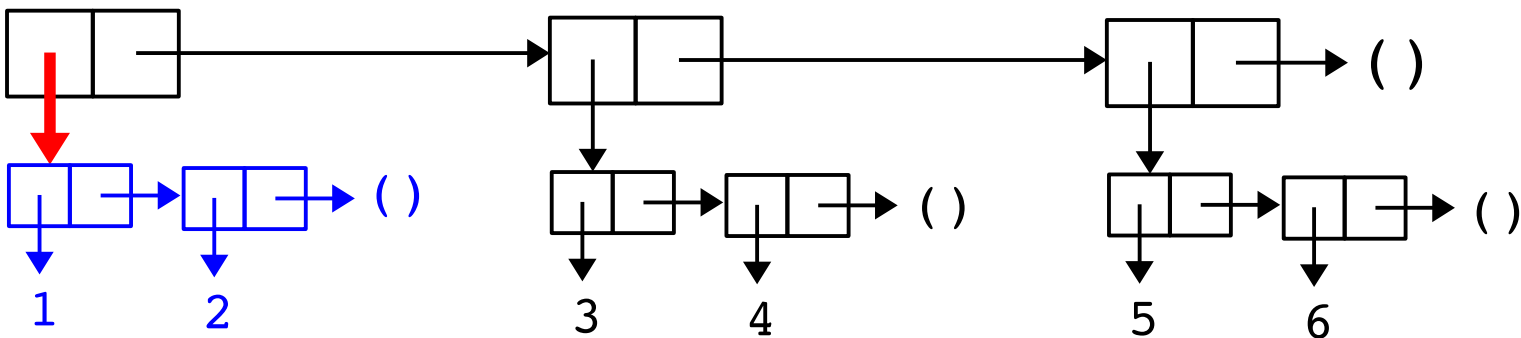
Expression: `(list (list 1 2) (list 3 4) (list 5 6))`

or: `(cons (cons 1 (cons 2 '())) (cons (cons 3 (cons 4 '())) (cons (cons 5 (cons 6 '())) '())))`

Internal form:

`((1 . (2 . ())) . ((3 . (4 . ())) . ((5 . (6 . ())) . ())))`

Printed form: `((1 2) (3 4) (5 6))`



`(car x) = (1 2)`

Pairs

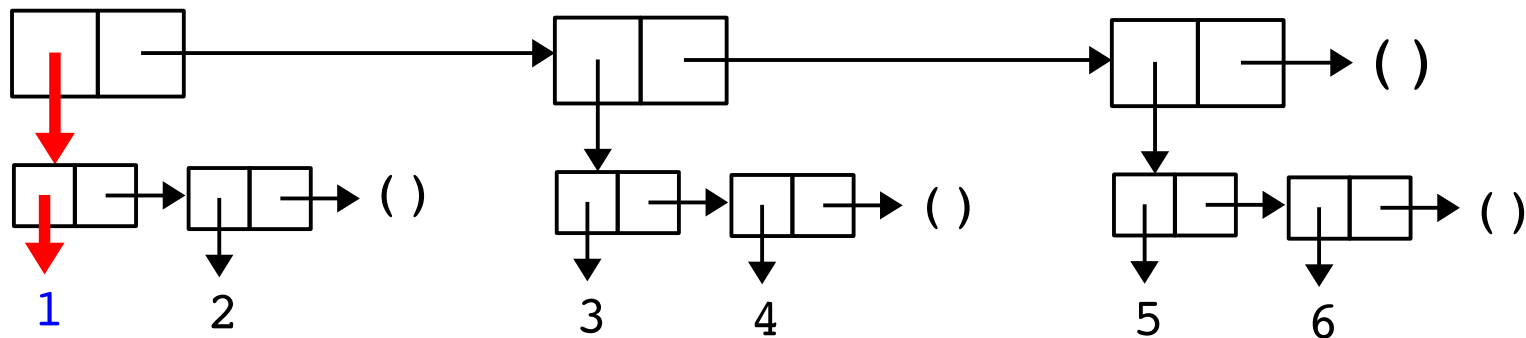
Expression: `(list (list 1 2) (list 3 4) (list 5 6))`

or: `(cons (cons 1 (cons 2 '())) (cons (cons 3 (cons 4 '())) (cons (cons 5 (cons 6 '())) '())))`

Internal form:

`((1 . (2 . ())) . ((3 . (4 . ())) . ((5 . (6 . ())) . ())))`

Printed form: `((1 2) (3 4) (5 6))`



`(car (car x)) = 1`

Pairs

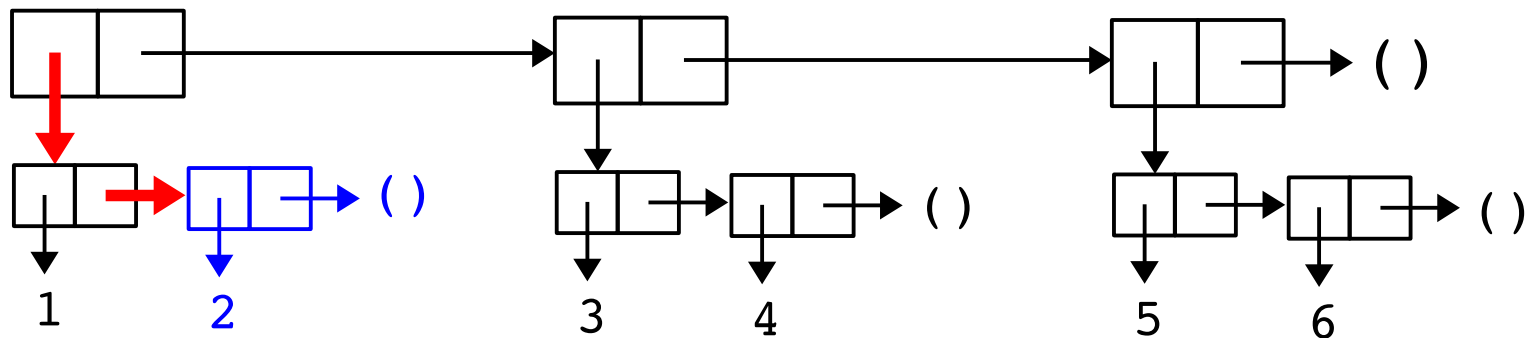
Expression: `(list (list 1 2) (list 3 4) (list 5 6))`

or: `(cons (cons 1 (cons 2 '())) (cons (cons 3 (cons 4 '())) (cons (cons 5 (cons 6 '())) '())))`

Internal form:

`((1 . (2 . ())) . ((3 . (4 . ())) . ((5 . (6 . ())) . ())))`

Printed form: `((1 2) (3 4) (5 6))`



`(cdr (car x)) = (2)`

Pairs

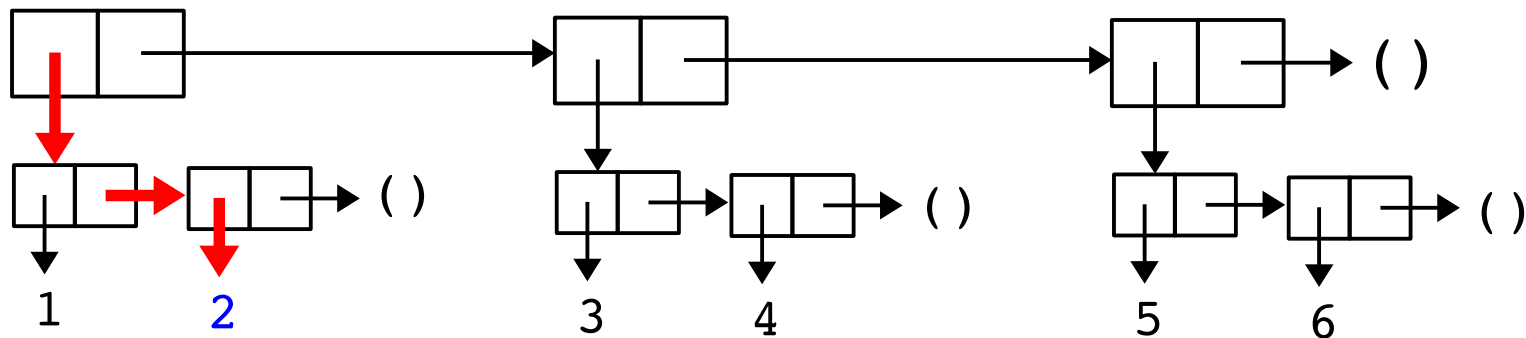
Expression: `(list (list 1 2) (list 3 4) (list 5 6))`

or: `(cons (cons 1 (cons 2 '())) (cons (cons 3 (cons 4 '())) (cons (cons 5 (cons 6 '())) '())))`

Internal form:

`((1 . (2 . ())) . ((3 . (4 . ())) . ((5 . (6 . ())) . ())))`

Printed form: `((1 2) (3 4) (5 6))`



`(car (cdr (car x))) = 2`

Pairs

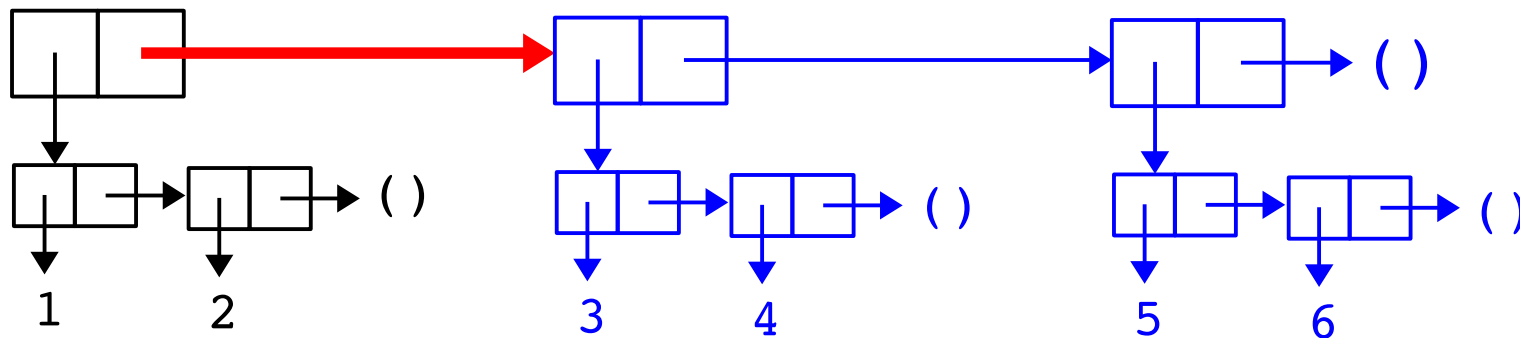
Expression: `(list (list 1 2) (list 3 4) (list 5 6))`

or: `(cons (cons 1 (cons 2 '())) (cons (cons 3 (cons 4 '())) (cons (cons 5 (cons 6 '())) '())))`

Internal form:

`((1 . (2 . ())) . ((3 . (4 . ())) . ((5 . (6 . ())) . ())))`

Printed form: `((1 2) (3 4) (5 6))`



`(cdr x) = ((3 4) (5 6))`

Pairs

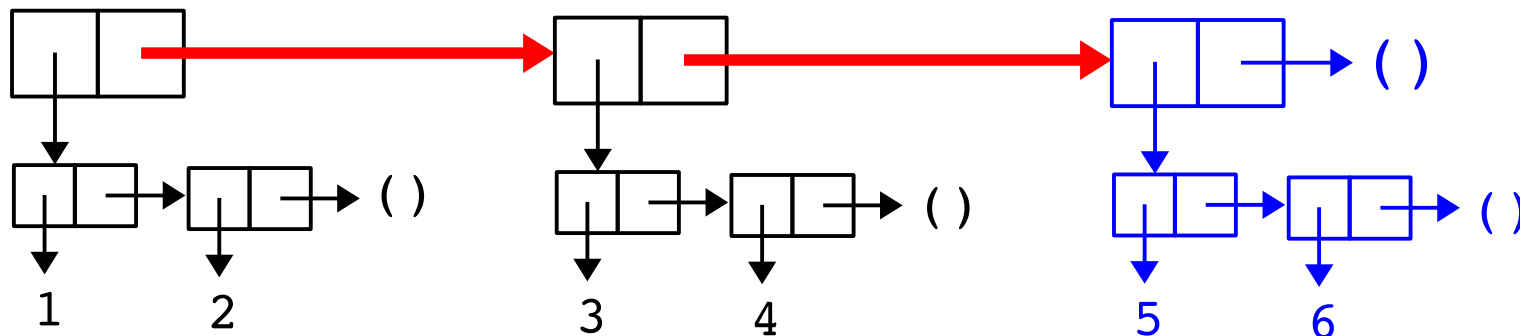
Expression: `(list (list 1 2) (list 3 4) (list 5 6))`

or: `(cons (cons 1 (cons 2 '())) (cons (cons 3 (cons 4 '())) (cons (cons 5 (cons 6 '())) '())))`

Internal form:

`((1 . (2 . ())) . ((3 . (4 . ())) . ((5 . (6 . ())) . ())))`

Printed form: `((1 2) (3 4) (5 6))`



`(cdr (cdr x)) = ((5 6))`

Pairs

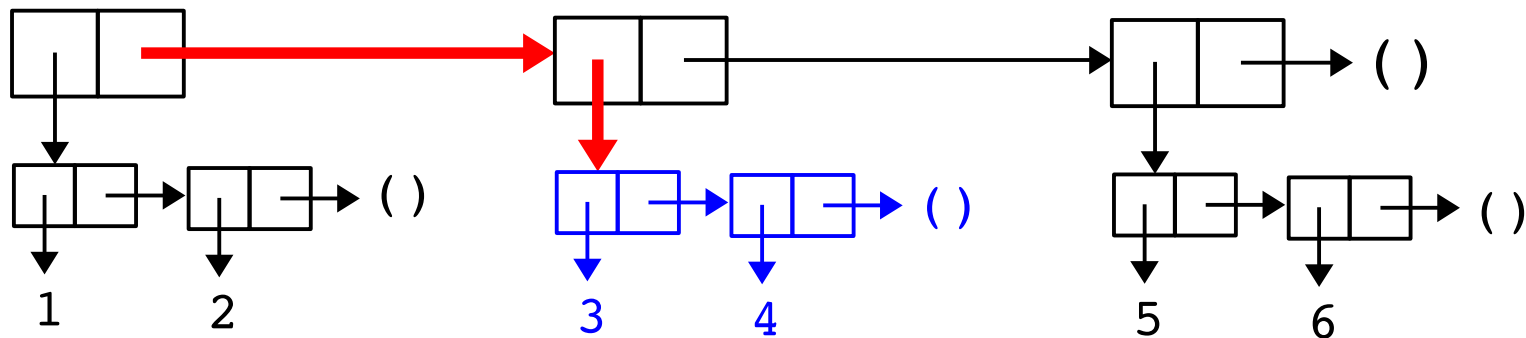
Expression: `(list (list 1 2) (list 3 4) (list 5 6))`

or: `(cons (cons 1 (cons 2 '())) (cons (cons 3 (cons 4 '())) (cons (cons 5 (cons 6 '())) '())))`

Internal form:

`((1 . (2 . ())) . ((3 . (4 . ())) . ((5 . (6 . ())) . ())))`

Printed form: `((1 2) (3 4) (5 6))`



`(car (cdr x)) = (3 4)`

Pairs

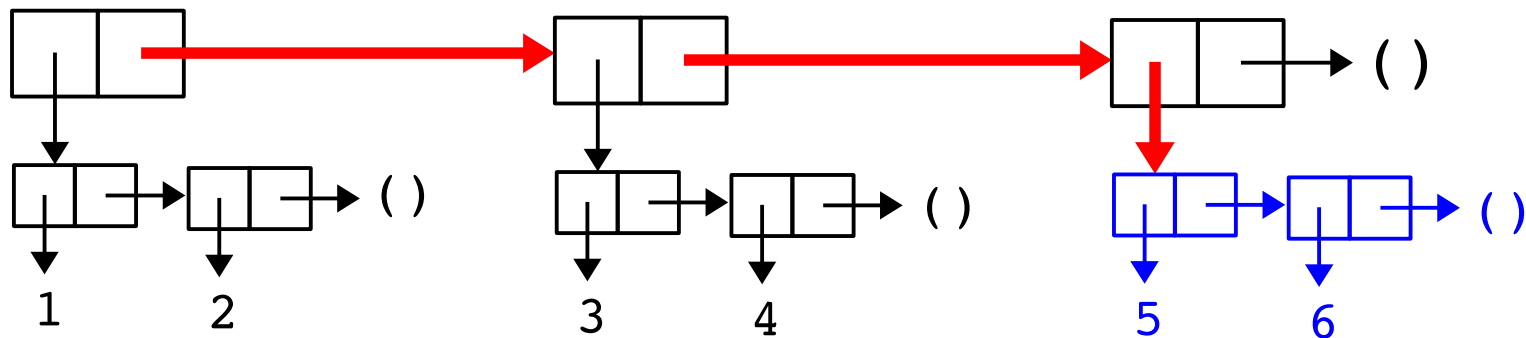
Expression: `(list (list 1 2) (list 3 4) (list 5 6))`

or: `(cons (cons 1 (cons 2 '())) (cons (cons 3 (cons 4 '())) (cons (cons 5 (cons 6 '())) '())))`

Internal form:

`((1 . (2 . ())) . ((3 . (4 . ())) . ((5 . (6 . ())) . ())))`

Printed form: `((1 2) (3 4) (5 6))`



`(car (cdr (cdr x))) = (5 6)`

Pairs

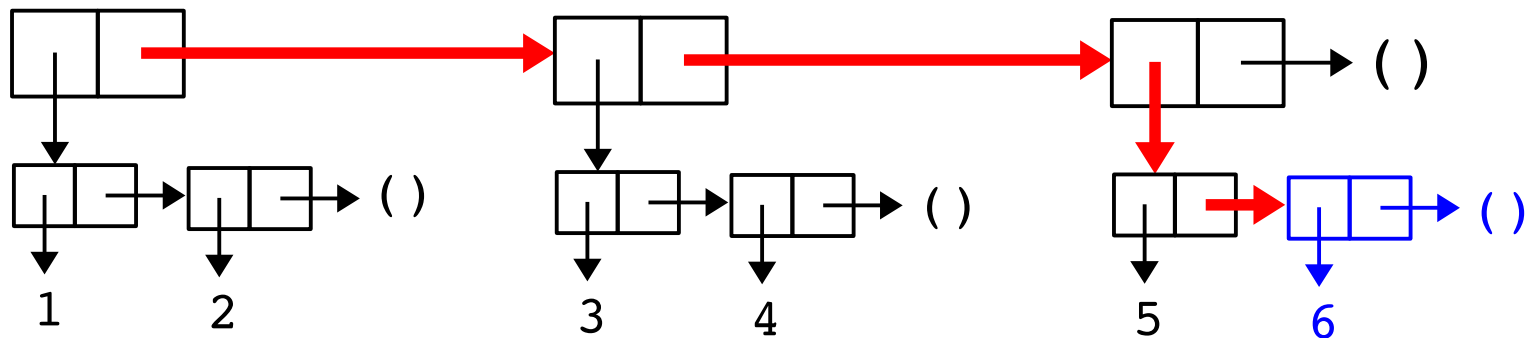
Expression: `(list (list 1 2) (list 3 4) (list 5 6))`

or: `(cons (cons 1 (cons 2 '())) (cons (cons 3 (cons 4 '())) (cons (cons 5 (cons 6 '())) '())))`

Internal form:

`((1 . (2 . ())) . ((3 . (4 . ())) . ((5 . (6 . ())) . ())))`

Printed form: `((1 2) (3 4) (5 6))`



`(cdr (car (cdr (cdr x)))) = (6)`

Pairs

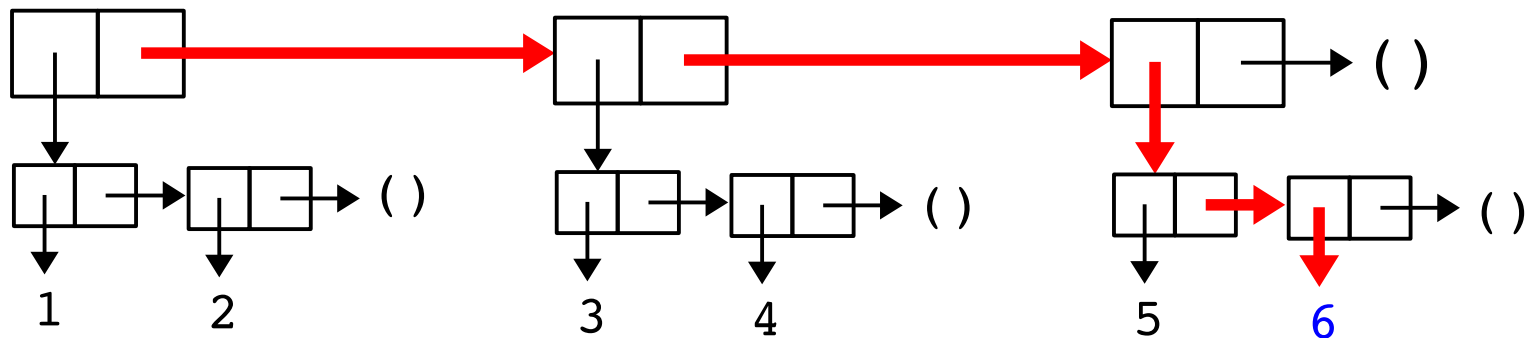
Expression: `(list (list 1 2) (list 3 4) (list 5 6))`

or: `(cons (cons 1 (cons 2 '())) (cons (cons 3 (cons 4 '())) (cons (cons 5 (cons 6 '())) '())))`

Internal form:

`((1 . (2 . ())) . ((3 . (4 . ())) . ((5 . (6 . ())) . ())))`

Printed form: `((1 2) (3 4) (5 6))`



`(car (cdr (car (cdr (cdr x))))) = 6`