a-friend (x, y) = (null? Y)

multirember&co('tuna '(tuna) a-friend )

((eq? (car lat) a)  
col1(newlat, seen) = (a-friend newlat (cons 'tuna seen)

multirember&co('tuna '() col1)

(null? lat)

(col1 '() '())

(a-friend '() (cons 'tuna '())

(a-friend '() '(tuna))

#F🡨

a-friend (x, y) = (null? Y)

multirember&co('tuna '(and tuna) a-friend )

else  
col1(newlat, seen) = (a-friend (cons 'and newlat) seen)

multirember&co('tuna '(tuna) col1)

((eq? (car lat) a)

col2(newlat, seen) = (col1 newlat (cons 'tuna seen))

multirember&co('tuna '() col2)

(null? lat)

(col2 '() '())

(col1 '() (cons 'tuna '())) = (col1 '() (tuna))

(a-friend (cons 'and '()) '(tuna))

(a-friend '(and) '(tuna))

#F🡨

last-friend(x y) = (length x)  
multirember&co('tuna '(strawberries tuna and swordfish) last-friend)

else  
col1(newlat, seen) = (last-friend (cons 'strawberries newlat) seen)

multirember&co('tuna '(tuna and swordfish) col1)

((eq? (car lat) a)

col2(newlat, seen) = (col1 newlat (cons 'tuna seen))

multirember&co('tuna '(and swordfish) col2)

else

col3(newlat, seen)= (col2 (cons 'and newlat) seen)

multirember&co('tuna '(swordfish) col3)

else

col4(newlat,seen) = (col3 (cons 'swordfish newlat) seen)

multirember&co('tuna '() col4)

(null? lat)

(col4 '() '())

(col3 (cons 'swordfish '()) '())=

(col3 '(swordfish) ())

(col2 (cons 'and (swordfish) '())=

(col2 '(and swordfish) '())

(col1 '(and swordfish)

(cons 'tuna ' ()))=

(col1 '(and swordfish) '(tuna))

(last-friend (cons 'strawberries '(and swordfish)

(tuna))=

(last-friend '(strawberries and swordfish) '(tuna))

(length '(strawberries and swordfish))

3🡨