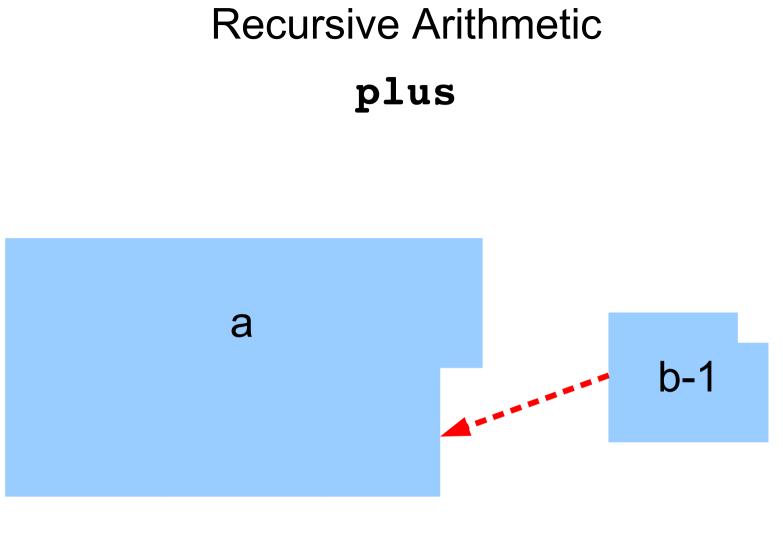


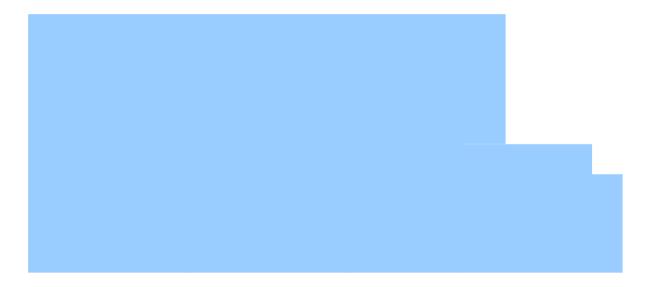
(subl b)



(plus a (sub1 b))

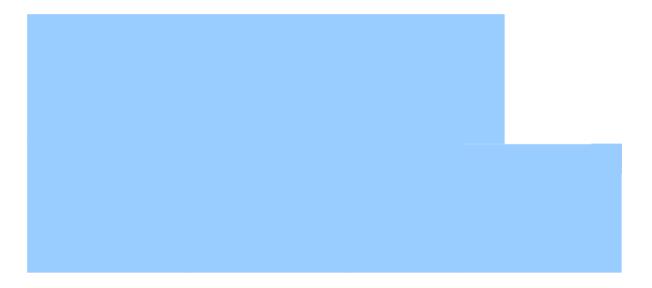
(subl b)

plus



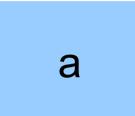
(plus a (sub1 b))

plus



(add1 (plus a (sub1 b)))

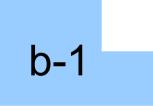
times





times

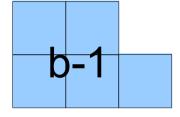




(subl b)

times

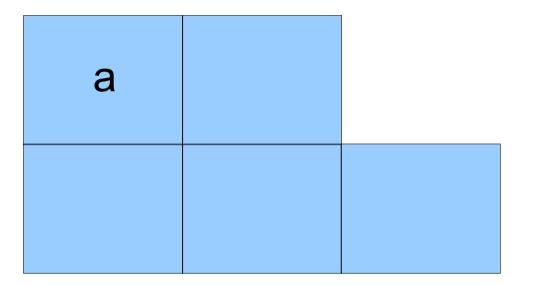




(times a (sub1 b))

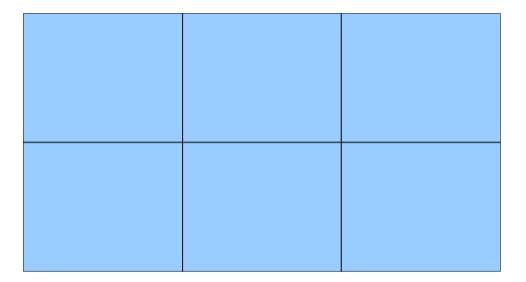
(subl b)

times



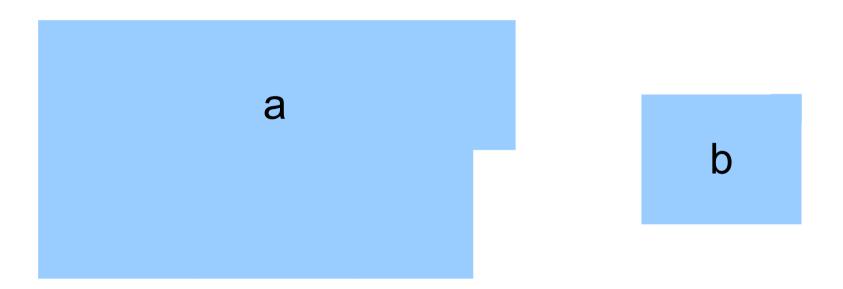
(times a (sub1 b))

times



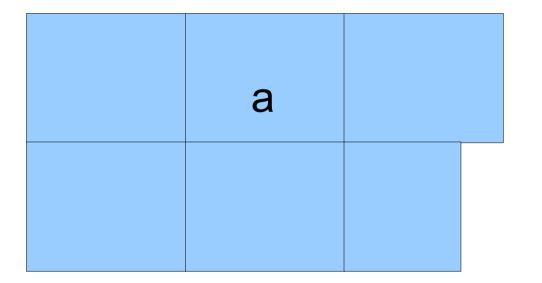
(plus a (times a (subl b)))



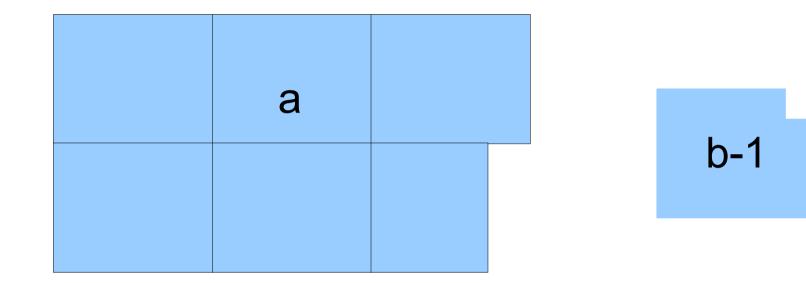


minus

b

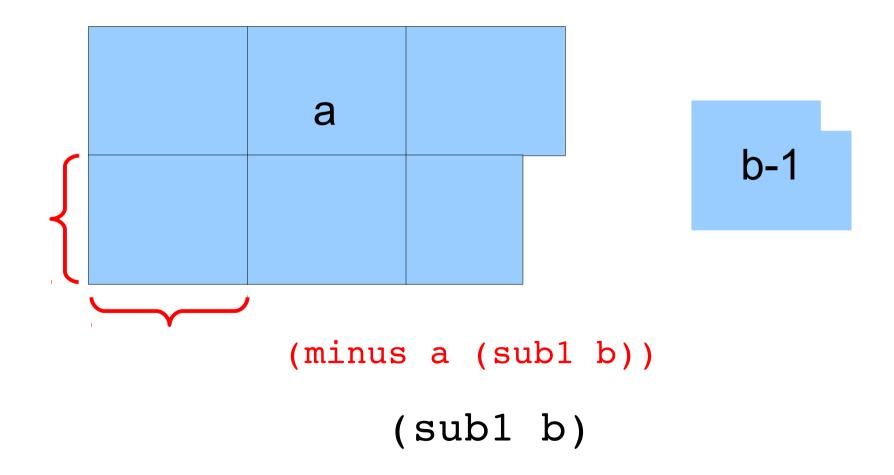


minus

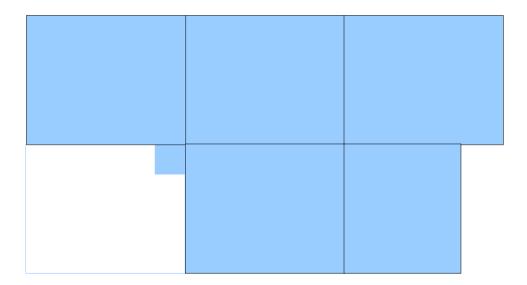


(subl b)

minus



minus

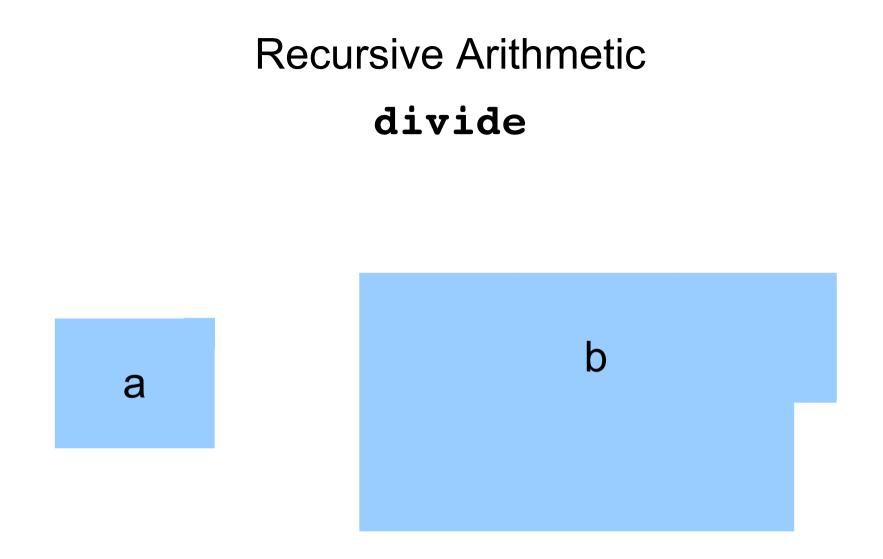


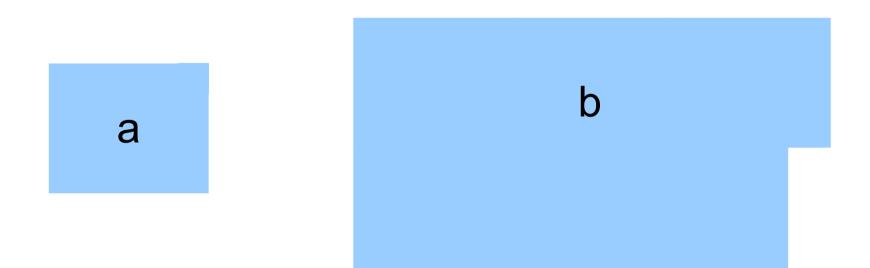
(minus a (sub1 b))

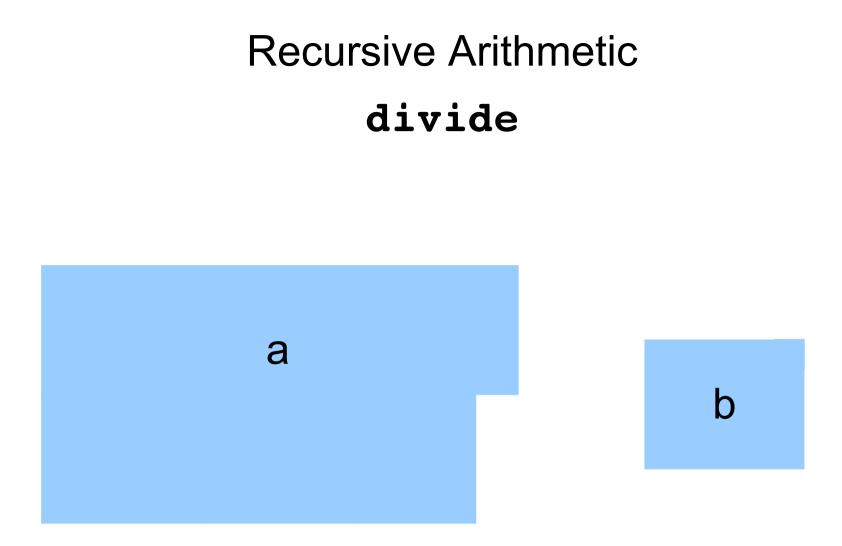
minus



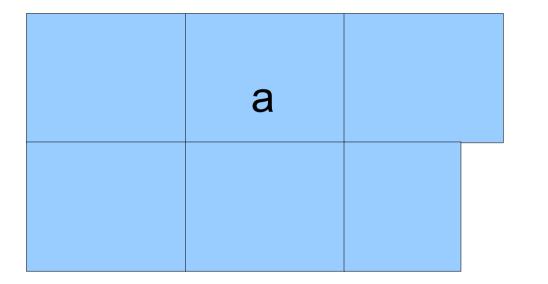
(sub1 (minus a (sub1 b)))

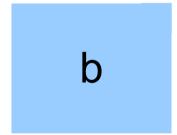


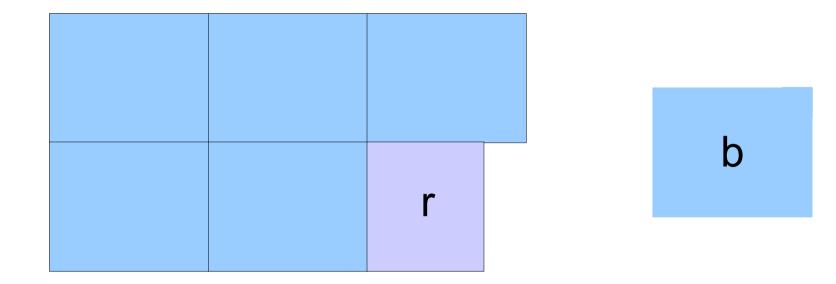


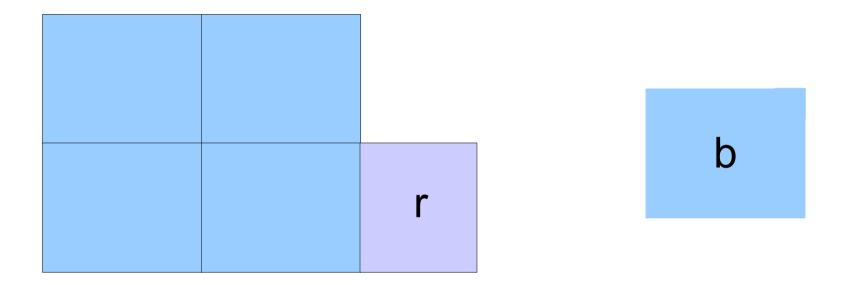


Recursive Arithmetic **divide**

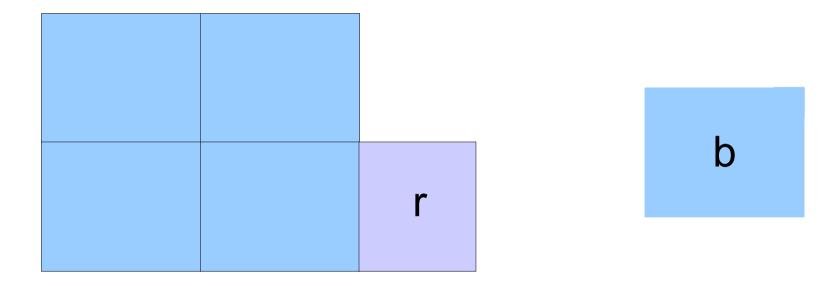




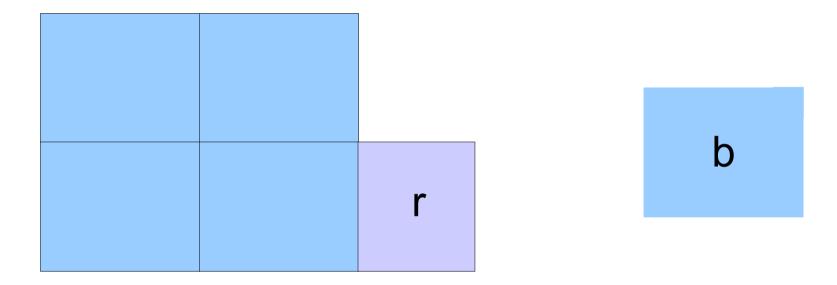




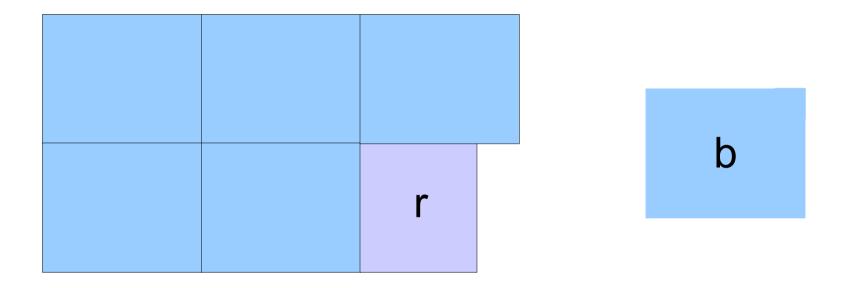
(minus a b)



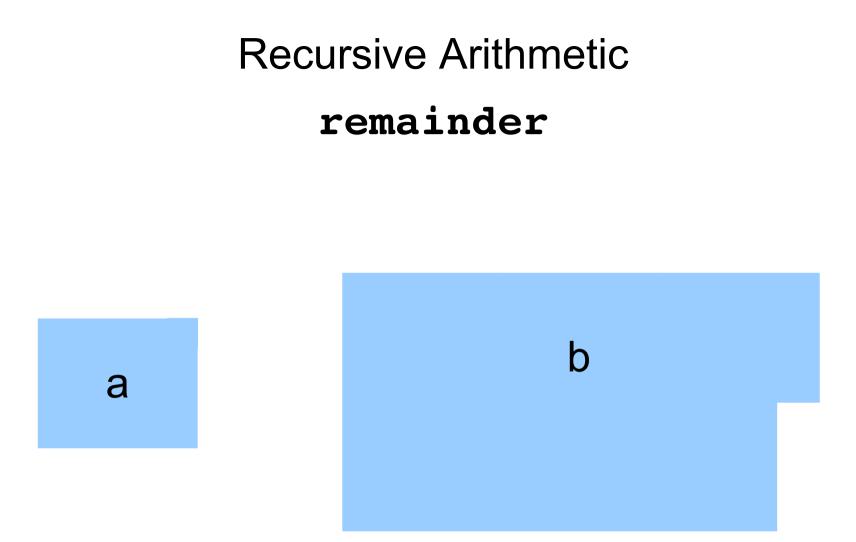
(divide (minus a b) b) = ?

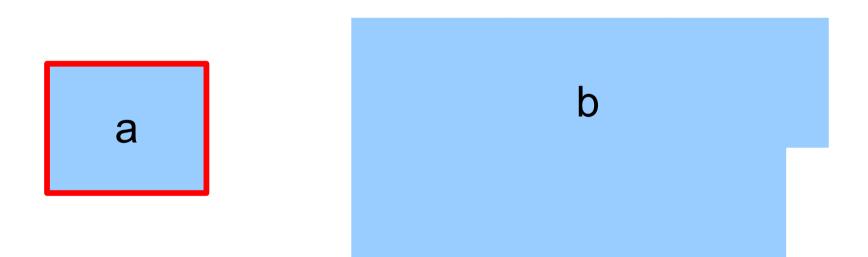


(divide (minus a b) b) = 4



(add1 (divide (minus a b) b)) = 5



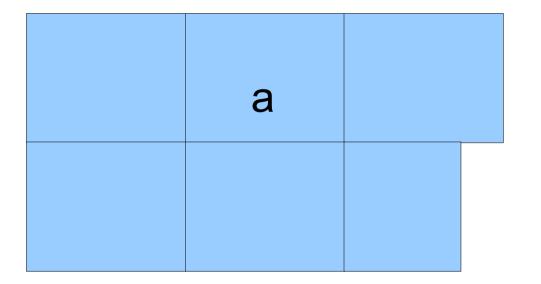


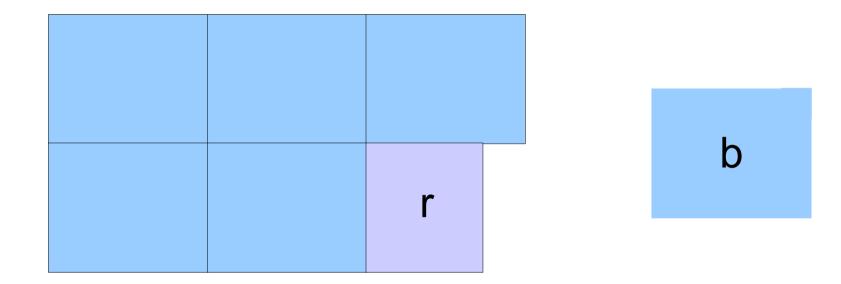
Recursive Arithmetic remainder

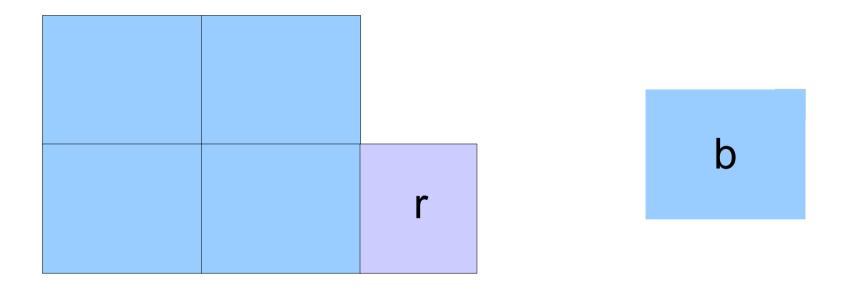


remainder

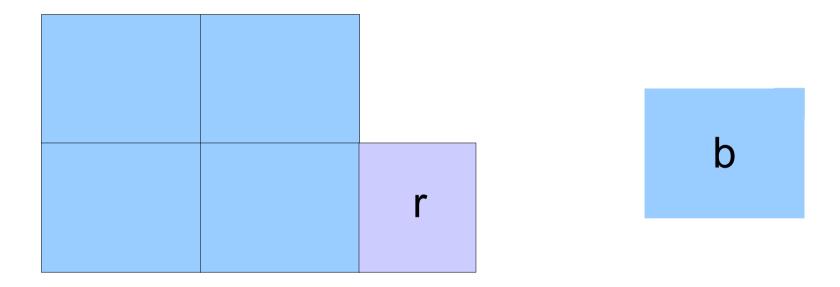
b



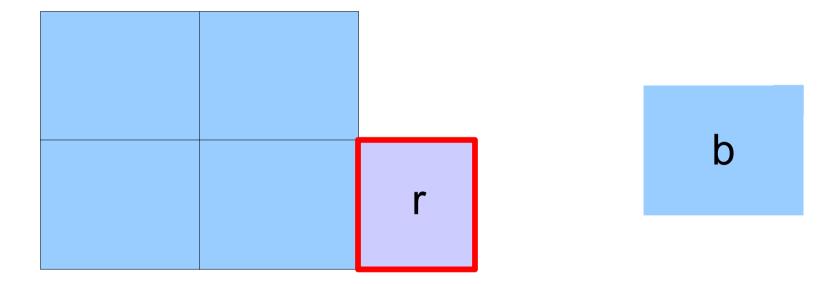




(minus a b)

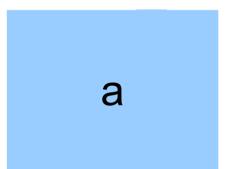


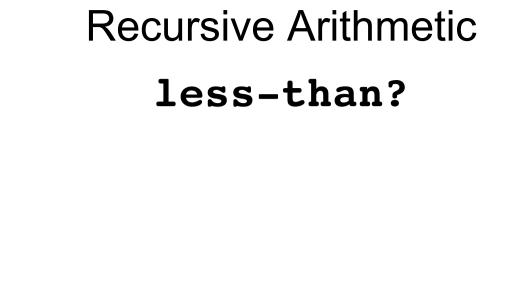
(remainder (minus a b) b) = ?



(remainder (minus a b) b) = r

less-than?



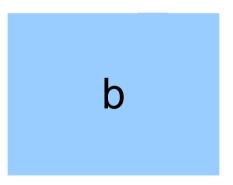






less-than?

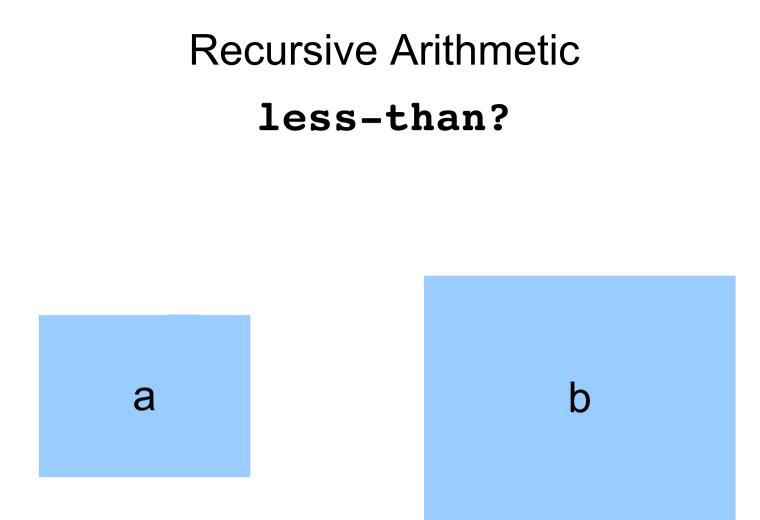
0

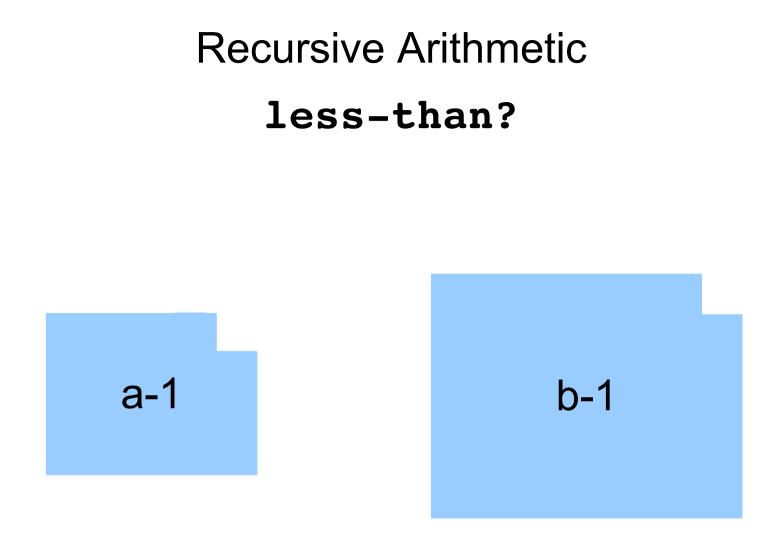


less-than?

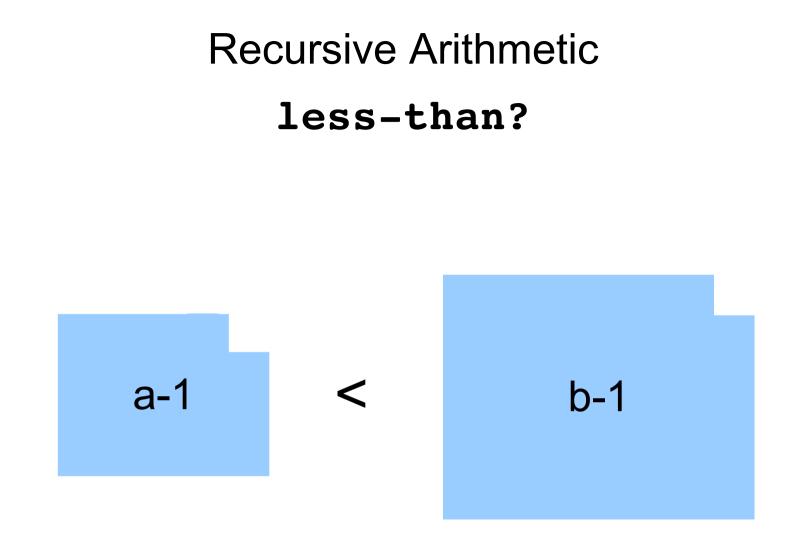








(subl a) (subl b)



(less-than? (sub1 a) (sub1 b))