#lang racket

; Returns the length of a list.
(define (list-length xs)


; Returns the sum of a list of numbers.
(define (sum xs)


; Returns a list with consecutive integers in order from lo to hi.
(define (range lo hi)


; Returns a list where each element is the square of the corresponding element in xs.
(define (squares xs)


; Returns a list containing only even numbers in xs, in order.
(define (evens xs)
; Returns #t if the list ys contains element x and #f otherwise.
(define (contains? x ys)
)

; Returns a new list containing all the elements of ys, in order, ; except x.
(define (remove x ys)
)

; Returns #t if the list is in sorted order and #f otherwise.
(define (sorted? xs)
)

; Returns a list containing all of the elements of xs, but ; with no duplicates.
(define (dedup xs)