

```
;; Function To Be Tested: >= ; monotonically nonincreasing
;;
;; Source:      CommonLisp by Steele      Section 12.3: Comparisons on Numbers      Page: 196
;;
;; Created By:   John Park
;;
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;; Filed As:    {eris}<lispcore>cml>test>12-2-monotonic-nonincrease.test
;;
;;
;; Syntax:      >= number & rest more-numbers
;;
;; Function Description: The monotonically nonincreasing function returns true if all numbers
decrease monotonically or are equal contiguously. Otherwise returns false.
;;
;; Argument(s): number(s)
;;
;; Returns:    T or NIL
;;
;; Constraints/Limitations: none.
```

```
(do-test monotonic-nonincrease-test
  (and (>= 3)
       (>= 4 4)
       (>= 6 5 3 0 )
       (>= 100 7 7.0 3 0 -8.0 -8 -9)
       (not (>= 1 2 3))))
```