2/N, 37, , N, N log log N, N log N, N log(N2), N log2 N, N1.5, N2, N2 log N, N3, 2N/2, 2N.

N log N and N log (N2) grow at the same rate

cost times

c1 n

c2 n-1

c4 n-1

c5

c6

c7

c8 n-1

INSERTION\_SORT(A)//length[A]=n

for j=2 to length[A]

do key<-A[j]

i<-j-1

while i>0 and A[i]>key

do A[i+1]<-A[i]

i<-i-1

A[i+1]<-key