Bubble Sort Analysis

N	=	100	100	100	100	
nEquals	=	7069	7501	6940	7642	
nAdd	=	24149	24437	24063	24531	
nLog	=	19503	19503	19503	19503	
Total	=	50721	51441	50506	51676	51086

N	=	200	200	200	200	
nEquals	=	29369	29375	27977	28046	
nAdd	=	98449	98453	97521	97567	
nLog	=	79003	79003	79003	79003	
Total	=	206821	206831	20450	204616	159679.5

N	=	400	400	400	400	
nEquals	=	119941	112108	116659	121234	
nAdd	=	397697	392475	395509	398559	
nLog	=	318003	318003	318003	318003	
Total	=	835641	822586	830171	837796	831548.5

N	100	200	300	400
Total	51086	159679.5		83154805

Bubble Sort Analysis

$y = 1E+07x^2 - 4E+07x + 3E+07$

$R^2 = 1$

83154805

51086

159679.5

Operations

Size of Array