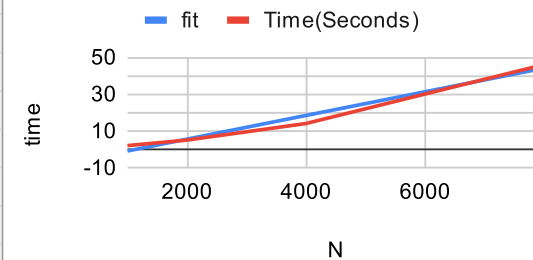


Starting with $n = 1000$, how long does it take to push on $n, 2n, 4n$ etc. elements?

.00643A - 7.3483

Simple	N^0	N^1	fit	Time(Seconds)
	1	1000	-0.9183	2
	1	2000	5.5117	5
	1	4000	18.3717	14
	1	8000	44.0917	46

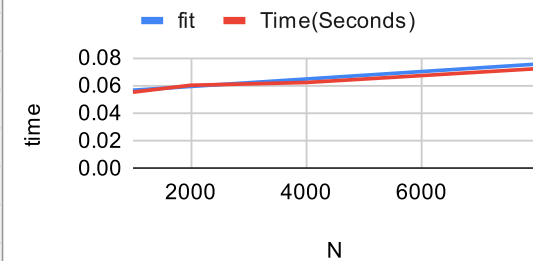
Fit and Time



.0000026957A + .0537391

Efficient	N^0	N^1	fit	Time(Seconds)
	1	1000	0.0564348	0.055
	1	2000	0.0591305	0.06
	1	4000	0.0645219	0.062
	1	8000	0.0753047	0.072

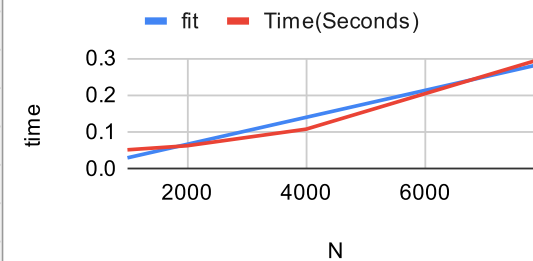
Fit and Time



.000036626A - .00734783

Linked List	N^0	N^1	fit	Time(Seconds)
	1	1000	0.02927817	0.051
	1	2000	0.06590417	0.062
	1	4000	0.13915617	0.107
	1	8000	0.28566017	0.3

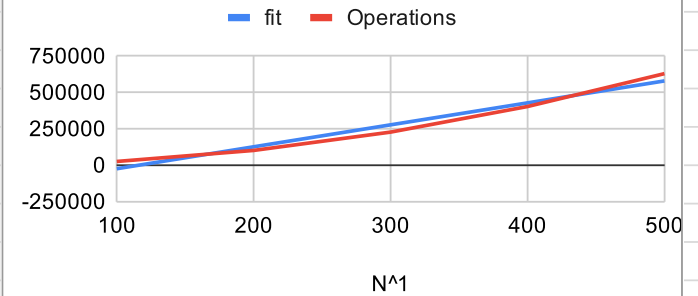
Fit and Time



1508.5A - 175000B

Simple	N^0	N^1	fit	Operations
	1	100	-24150	25850
	1	200	126700	101700
	1	300	277550	227550
	1	400	428400	403400
	1	500	579250	629250

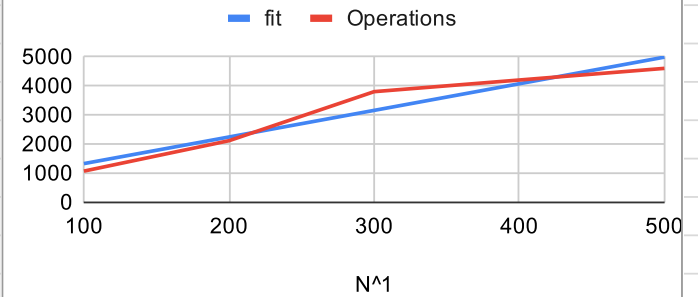
fit and Operations



9.145A + 413.5B

Efficient	N^0	N^1	fit	Operations
	1	100	1328	1070
	1	200	2242.5	2115
	1	300	3157	3800
	1	400	4071.5	4200
	1	500	4986	4600

fit and Operations



154404A - 23380000B

Linked List	N^0	N^1	fit	Operations
	1	100	-7939600	540350
	1	200	7500800	4160700
	1	300	22941200	13861050
	1	400	38381600	32641400
	1	500	53822000	63501750

fit and Operations

