

Accesses	Associativity	Replacement Algorithm	Block Size	Cache Size	Word Size	Hits	Capacity Misses	Compulsory Misses	Conflict Misses	Total Misses	Total Misses (%)	Conflict Misses of Total (%)	Compulsory Misses of Total (%)	Capacity Misses of Total (%)
100000	4-way	Random	1	2048	1	92455	255	7261	29	7545	7.545	0.38	96.24	3.38
100000	4-way	Random	2	2048	1	96000	279	3674	47	4000	4	1.18	91.85	6.98
100000	4-way	Random	4	2048	1	97808	272	1880	40	2192	2.192	1.82	85.77	12.41
100000	4-way	Random	8	2048	1	98839	199	945	17	1161	1.161	1.46	81.40	17.14
100000	4-way	Random	16	2048	1	99326	157	479	38	674	0.674	5.64	71.07	23.29
100000	4-way	Random	32	2048	1	99640	88	246	26	360	0.36	7.22	68.33	24.44
100000	4-way	Random	64	2048	1	99518	290	129	63	482	0.482	13.07	26.76	60.17
100000	4-way	Random	128	2048	1	98210	1318	69	403	1790	1.79	22.51	3.85	73.63
100000	4-way	Random	256	2048	1	92516	7443	40	1	7484	7.484	0.01	0.53	99.45
100000	4-way	Random	512	2048	1	87785	12191	24	0	12215	12.215	0.00	0.20	99.80
100000	4-way	LRU	1	2048	1	92739	0	7261	0	7261	7.261	0.00	100.00	0.00
100000	4-way	LRU	2	2048	1	96326	0	3674	0	3674	3.674	0.00	100.00	0.00
100000	4-way	LRU	4	2048	1	98120	0	1880	0	1880	1.88	0.00	100.00	0.00
100000	4-way	LRU	8	2048	1	99055	0	945	0	945	0.945	0.00	100.00	0.00
100000	4-way	LRU	16	2048	1	99521	0	479	0	479	0.479	0.00	100.00	0.00
100000	4-way	LRU	32	2048	1	99754	0	246	0	246	0.246	0.00	100.00	0.00
100000	4-way	LRU	64	2048	1	99755	87	129	29	245	0.245	11.84	52.65	35.51
100000	4-way	LRU	128	2048	1	98347	1214	69	370	1653	1.653	22.38	4.17	73.44
100000	4-way	LRU	256	2048	1	94070	5889	40	1	5930	5.93	0.02	0.67	99.31
100000	4-way	LRU	512	2048	1	90125	9851	24	0	9875	9.875	0.00	0.24	99.76
100000	4-way	LRR	1	2048	1	92739	0	7261	0	7261	7.261	0.00	100.00	0.00
100000	4-way	LRR	2	2048	1	96326	0	3674	0	3674	3.674	0.00	100.00	0.00
100000	4-way	LRR	4	2048	1	98114	6	1880	0	1886	1.886	0.00	99.68	0.32
100000	4-way	LRR	8	2048	1	99046	9	945	0	954	0.954	0.00	99.06	0.94
100000	4-way	LRR	16	2048	1	99512	9	479	0	488	0.488	0.00	98.16	1.84
100000	4-way	LRR	32	2048	1	99742	12	246	0	258	0.258	0.00	95.35	4.65
100000	4-way	LRR	64	2048	1	99785	66	129	20	215	0.215	9.30	60.00	30.70
100000	4-way	LRR	128	2048	1	98712	949	69	270	1288	1.288	20.96	5.36	73.68
100000	4-way	LRR	256	2048	1	94461	5498	40	1	5539	5.539	0.02	0.72	99.26
100000	4-way	LRR	512	2048	1	90118	9858	24	0	9882	9.882	0.00	0.24	99.76
100000	4-way	LRW	1	2048	1	75856	15271	7261	1612	24144	24.144	6.68	30.07	63.25
100000	4-way	LRW	2	2048	1	78831	15791	3674	1704	21169	21.169	8.05	17.36	74.59
100000	4-way	LRW	4	2048	1	80519	15899	1880	1702	19481	19.481	8.74	9.65	81.61
100000	4-way	LRW	8	2048	1	88012	9961	945	1082	11988	11.988	9.03	7.88	83.09
100000	4-way	LRW	16	2048	1	91988	6793	479	740	8012	8.012	9.24	5.98	84.79
100000	4-way	LRW	32	2048	1	91082	7694	246	978	8918	8.918	10.97	2.76	86.27
100000	4-way	LRW	64	2048	1	90798	8377	129	696	9202	9.202	7.56	1.40	91.03
100000	4-way	LRW	128	2048	1	91526	7487	69	918	8474	8.474	10.83	0.81	88.35
100000	4-way	LRW	256	2048	1	88580	11379	40	1	11420	11.42	0.01	0.35	99.64
100000	4-way	LRW	512	2048	1	83845	16131	24	0	16155	16.155	0.00	0.15	99.85
100000	4-way	FIFO	1	2048	1	92450	204	7261	85	7550	7.55	1.13	96.17	2.70
100000	4-way	FIFO	2	2048	1	96037	204	3674	85	3963	3.963	2.14	92.71	5.15
100000	4-way	FIFO	4	2048	1	97831	204	1880	85	2169	2.169	3.92	86.68	9.41
100000	4-way	FIFO	8	2048	1	98895	114	945	46	1105	1.105	4.16	85.52	10.32
100000	4-way	FIFO	16	2048	1	99413	77	479	31	587	0.587	5.28	81.60	13.12
100000	4-way	FIFO	32	2048	1	99669	63	246	22	331	0.331	6.65	74.32	19.03
100000	4-way	FIFO	64	2048	1	99629	185	129	57	371	0.371	15.36	34.77	49.87
100000	4-way	FIFO	128	2048	1	97821	1611	69	499	2179	2.179	22.90	3.17	73.93
100000	4-way	FIFO	256	2048	1	92060	7899	40	1	7940	7.94	0.01	0.50	99.48
100000	4-way	FIFO	512	2048	1	89228	10748	24	0	10772	10.772	0.00	0.22	99.78
		1	2	4	8	16	32	64	128	256	512			
Random		7.545	4	2.192	1.161	0.674	0.36	0.482	1.79	7.484	12.215			
LRU		7.261	3.674	1.88	0.945	0.479	0.246	0.245	1.653	5.93	9.875			
LRR		7.261	3.674	1.886	0.954	0.488	0.258	0.215	1.288	5.539	9.882			
LRW		24.144	21.169	19.481	11.988	8.012	8.918	9.202	8.474	11.42	16.155			
FIFO		7.55	3.963	2.169	1.105	0.587	0.331	0.371	2.179	7.94	10.772			
		1	2	4	8	16	32	64	128	256	512			
Capacity		0.00	0.00	0.00	0.00	0.00	0.00	35.51	73.44	99.31	99.76			
Compulsory		100.00	100.00	100.00	100.00	100.00	100.00	52.65	4.17	0.67	0.24			
Conflict		0.00	0.00	0.00	0.00	0.00	0.00	11.84	22.38	0.02	0.00			