Algorithm	LRU				OPT			
frames	16	1024	16	1024	16	1024	16	1024
page size	4kb	4kb	4mb	4mb	4kb	4kb	4mb	4mb
mem split	1:1	1:1	1:1	1:1	1:1	1:1	1:1	1:1
page faults	62932	40168	156	94	53202	40150	124	94
disk writes	47328	39342	84	0	44225	39329	68	0
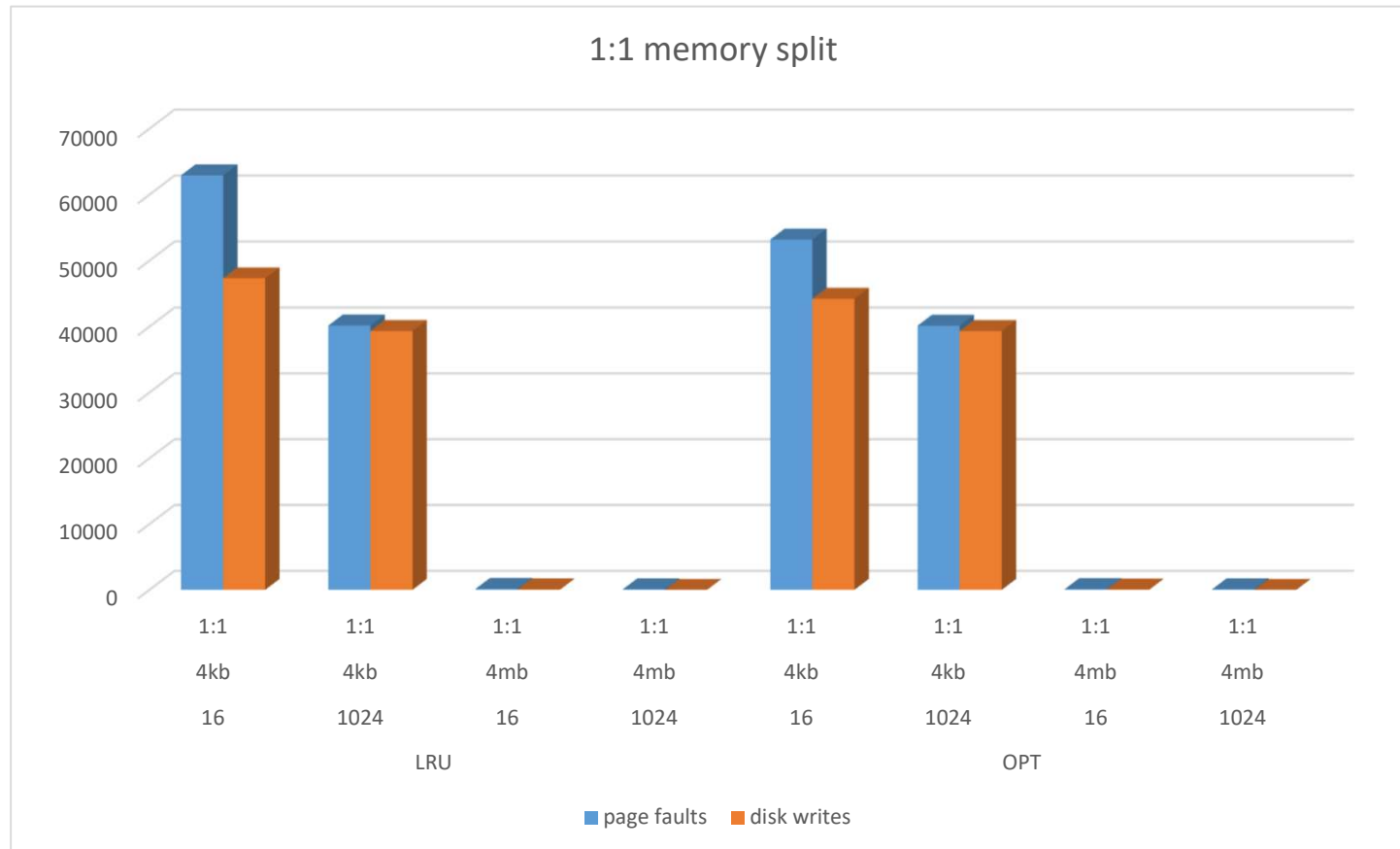
1:1 memory split

	1:1	1:1	1:1	1:1	1:1	1:1	1:1	1:1
	4kb	4kb	4mb	4mb	4kb	4kb	4mb	4mb
	16	1024	16	1024	16	1024	16	1024
	LRU				OPT			

■ page faults ■ disk writes

Algorithm	LRU				OPT			
frames	16	1024	16	1024	16	1024	16	1024
page size	4kb	4kb	4mb	4mb	4kb	4kb	4mb	4mb
mem split	1:3	1:3	1:3	1:3	1:3	1:3	1:3	1:3
page faults	103998	40173	766	94	78073	40150	552	94
disk writes	63345	39105	390	0	52152	39091	284	0
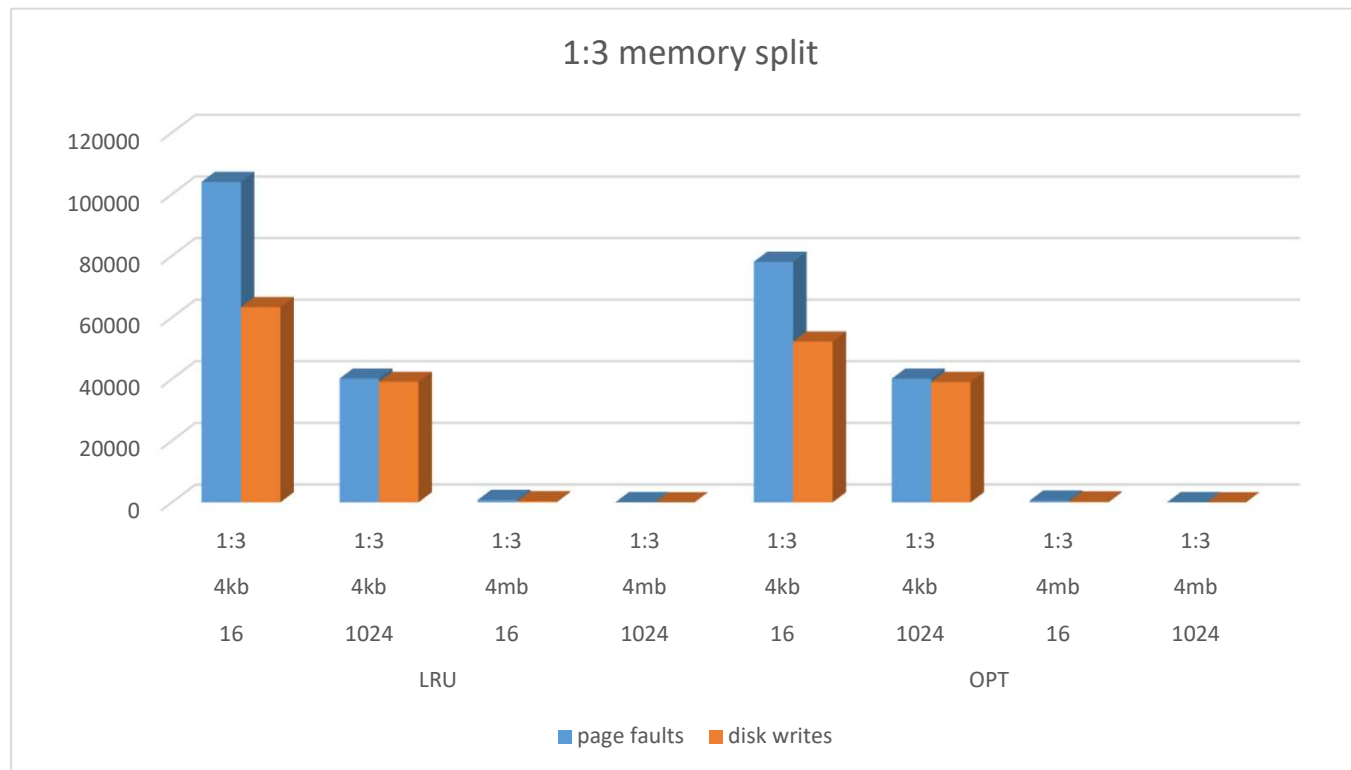
1:3 memory split

	1:3	1:3	1:3	1:3	1:3	1:3	1:3	1:3
	4kb	4kb	4mb	4mb	4kb	4kb	4mb	4mb
	16	1024	16	1024	16	1024	16	1024
		LRU				OPT		

■ page faults　■ disk writes

Algorithm	LRU				OPT			
frames	16	1024	16	1024	16	1024	16	1024
page size	4kb	4kb	4mb	4mb	4kb	4kb	4mb	4mb
mem split	3:1	3:1	3:1	3:1	3:1	3:1	3:1	3:1
page faults	50312	40168	134	94	45710	40150	112	94
disk writes	43208	39598	80	0	41756	39585	70	0

3:1 memory split

Algorithm	LRU				OPT			
frames	16	1024	16	1024	16	1024	16	1024
page size	4kb	4kb	4mb	4mb	4kb	4kb	4mb	4mb
mem split	3:5	3:5	3:5	3:5	3:5	3:5	3:5	3:5
page faults	72396	40168	72369	94	60119	40150	163	94
disk writes	50698	39214	50698	0	46037	39265	84	0
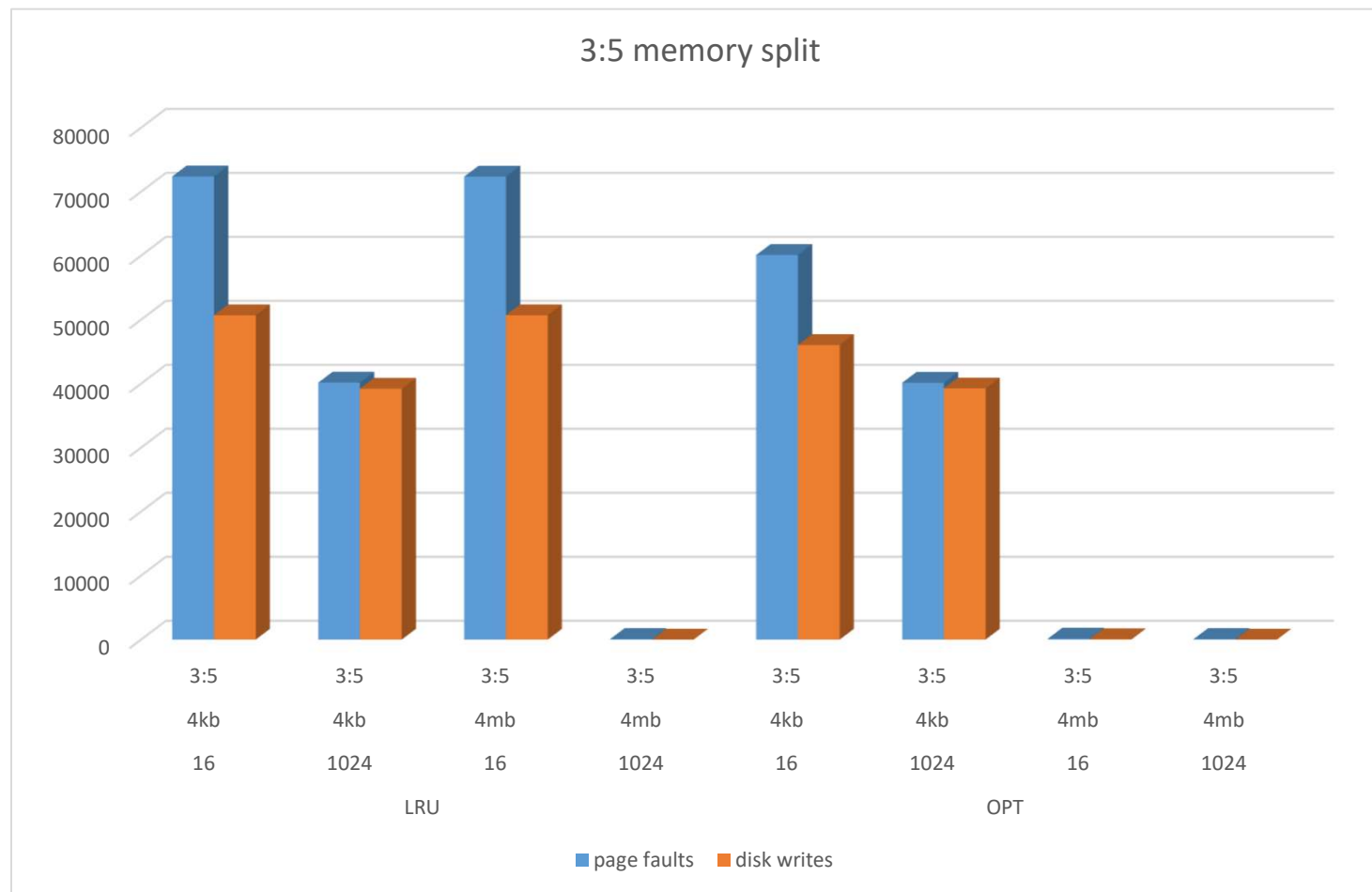
3:5 memory split

Algorithm	LRU				OPT			
frames	16	1024	16	1024	16	1024	16	1024
page size	4kb	4kb	4mb	4mb	4kb	4kb	4mb	4mb
mem split	5:3	5:3	5:3	5:3	5:3	5:3	5:3	5:3
page faults	57379	40168	57379	94	48728	40150	109	94
disk writes	45639	39470	45639	0	42916	39457	66	0
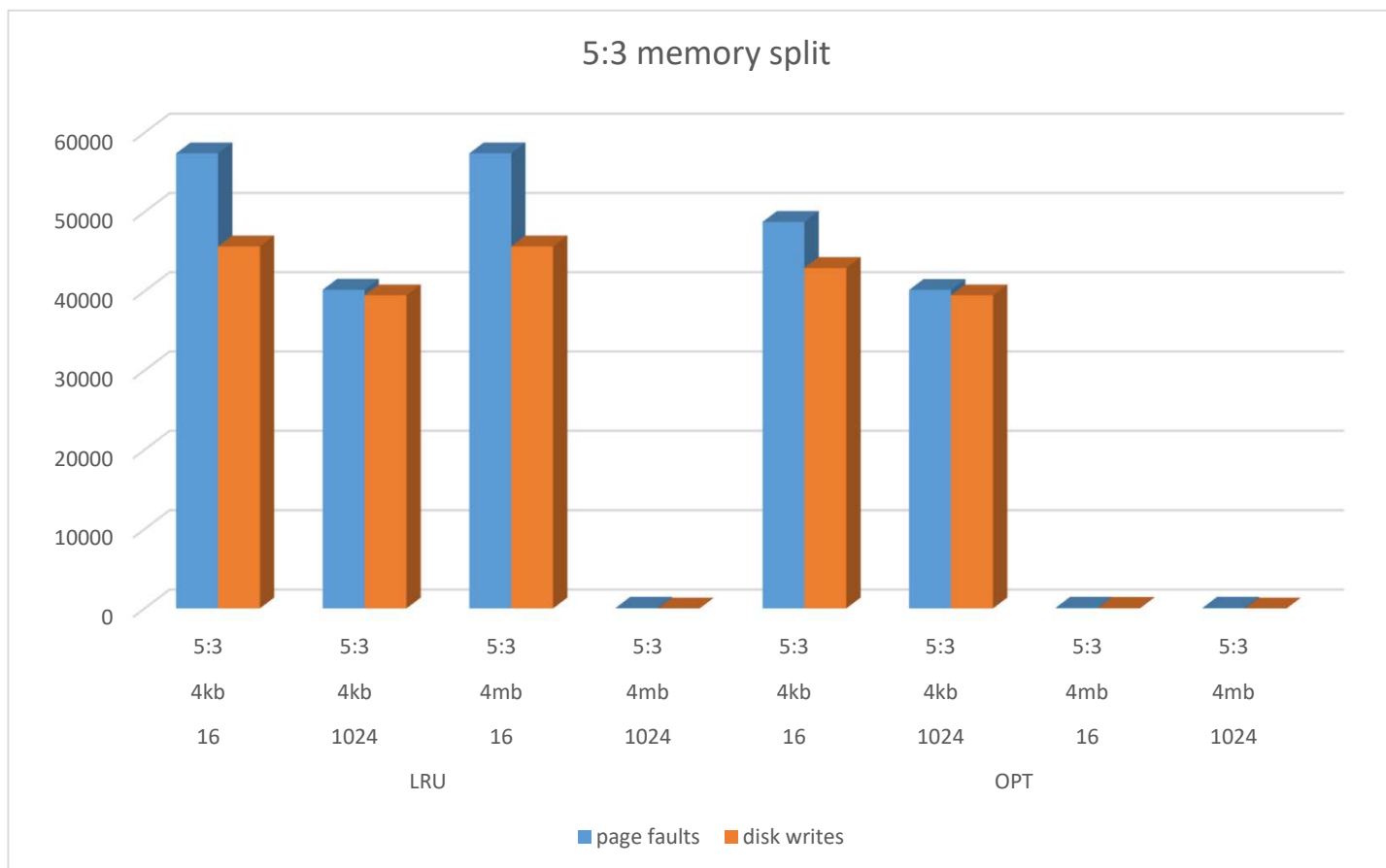
5:3 memory split

Algorithm	LRU				OPT			
frames	16	1024	16	1024	16	1024	16	1024
page size	4kb	4kb	4mb	4mb	4kb	4kb	4mb	4mb
mem split	7:9	7:9	7:9	7:9	7:9	7:9	7:9	7:9
page faults	65738	40168	65738	94	56201	40150	139	94
disk writes	48093	39278	48093	0	45209	39265	76	0

7:9 memory split

Algorithm	LRU				OPT			
frames	16	1024	16	1024	16	1024	16	1024
page size	4kb	4kb	4mb	4mb	4kb	4kb	4mb	4mb
mem split	9:7	9:7	9:7	9:7	9:7	9:7	9:7	9:7
page faults	59692	40168	59692	94	50699	40150	115	94
disk writes	46177	39406	46177	0	43465	39393	65	0

9:7 memroy split