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gobmk-L1-small      Simulation Results

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Number of reference types:

Number of reads	=	1922316435	[19.22%]
Number of writes	=	915303047	[9.15%]
Number of inst	=	7162380518	[71.62%]
Total	=	10000000000	

Total cycles for all activities:

Cycles for reads	=	22726847026	[25.47%]
Cycles for writes	=	15681654857	[17.57%]
Cycles for inst	=	50826690609	[56.96%]
Total time	=	89235192492	

Average cycles per activity:

Read	=	11.82
Write	=	17.13
Inst	=	7.10

Ideal: Exec. Time = 17162380518; CPI = 2.4

Ideal mis-aligned: Exec. Time = 25198023284; CPI = 3.52

Memory level: L1i

Hits	=	11581007415	[95.14%]
Misses	=	592205018	[4.86%]
Total	=	12173212433	

Kickouts = 592204890, Dirty kickouts = 0, Transfers = 592205018

Memory level: L1d

Hits	=	3714997049	[92.14%]
Misses	=	316827190	[7.86%]
Total	=	4031824239	

Kickouts = 316827062, Dirty kickouts = 163593096, Transfers = 316827190

Memory level: L2

Hits	=	782748031	[72.97%]
Misses	=	289877273	[27.03%]
Total	=	1072625304	

Kickouts = 289876761, Dirty kickouts = 78461836, Transfers = 289877273

Cost analysis:

L1i cache cost	=	\$100
L1d cache cost	=	\$100
L2 cache cost	=	\$50
Memory cost	=	\$75
Total cost	=	\$325