

	compress	eqntott	espresso	gcc (cc1)	li	Int. avg.
Instructions executed on 80x86 (millions)	2226	1203	2216	3770	5020	
Instructions executed ratio to DLX	0.61	1.74	0.85	0.96	0.98	1.03
Data reads on 80x86 (millions)	589	229	622	1079	1459	
Data writes on 80x86 (millions)	311	39	191	661	981	
Data read-modify-writes on 80x86 (millions)	26	1	129	48	48	
Total data reads on 80x86 (millions)	615	230	751	1127	1507	
Data read ratio to DLX	0.85	1.09	1.38	1.25	0.94	1.10
Total data writes on 80x86 (millions)	338	40	319	709	1029	
Data write ratio to DLX	1.67	9.26	2.39	1.25	1.20	3.15
Total data accesses on 80x86 (millions)	953	269	1070	1836	2536	
Data access ratio to DLX	1.03	1.25	1.58	1.25	1.03	1.23

**FIGURE E.46** Instructions executed and data accesses on 80x86 and ratios compared to DLX for five SPECint92 programs.