

block	addresses of bytes in memory							
				⋮				
3	56	57	58	59	60	61	62	63
2	48	49	50	51	52	53	54	55
1	40	41	42	43	44	45	46	47
0	32	33	34	35	36	37	38	39
3	24	25	26	27	28	29	30	31
2	16	17	18	19	20	21	22	23
1	8	9	10	11	12	13	14	15
0	0	1	2	3	4	5	6	7

**Figure 12.7** An example assignment of block numbers to memory locations for a cache of four blocks with eight bytes per block.