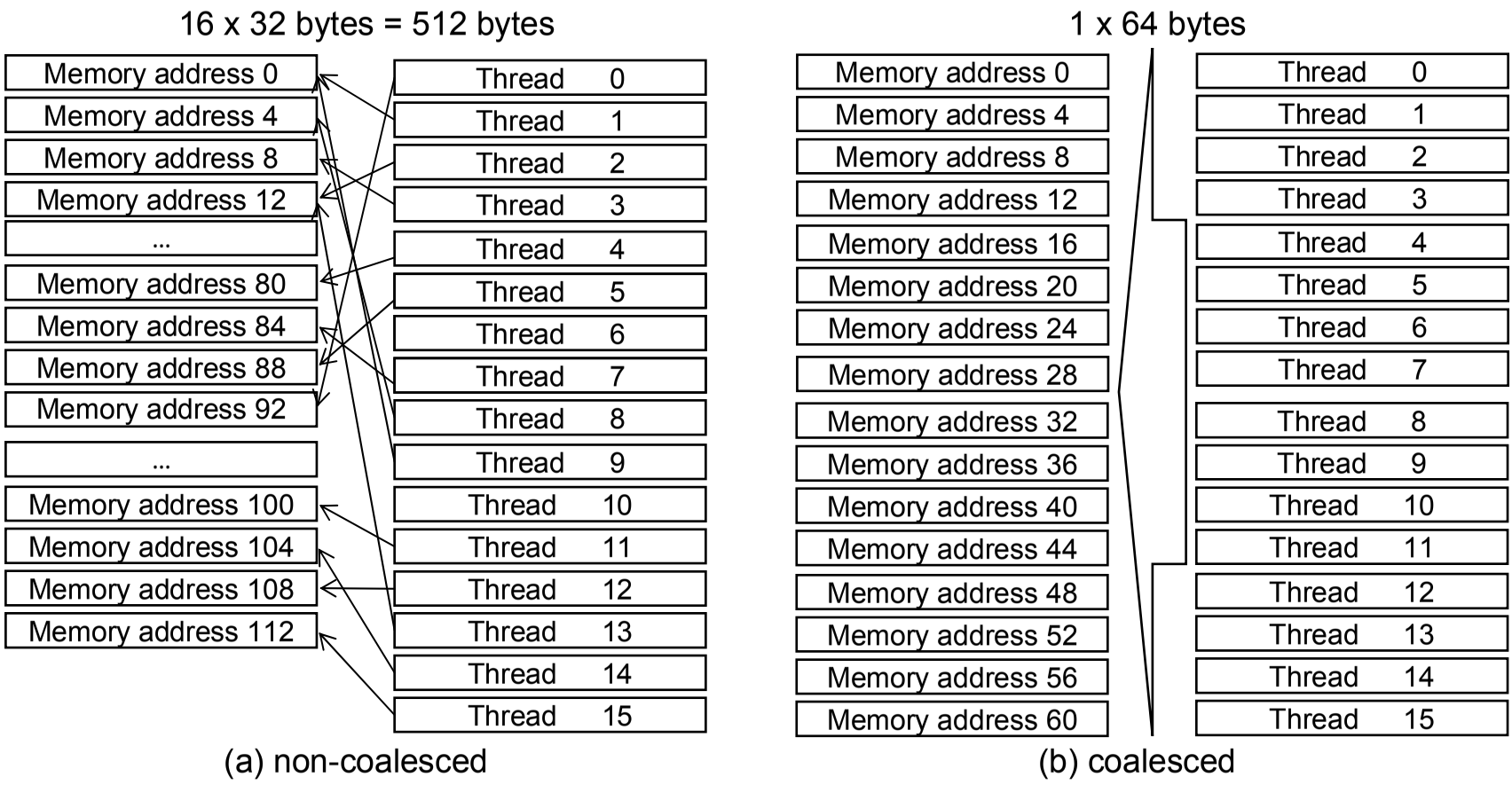
16 x 32 bytes = 512 bytes
Memory address 0
Memory address 4
Memory address 8
Memory address 12
...
Memory address 80
Memory address 84
Memory address 88
Memory address 92
...
Memory address 100
Memory address 104
Memory address 108
Memory address 112
Thread 0
Thread 1
Thread 2
Thread 3
Thread 4
Thread 5
Thread 6
Thread 7
Thread 8
Thread 9
Thread 10
Thread 11
Thread 12
Thread 13
Thread 14
Thread 15
(a) non-coalesced
1 x 64 bytes
Memory address 0
Memory address 4
Memory address 8
Memory address 12
Memory address 16
Memory address 20
Memory address 24
Memory address 28
Memory address 32
Memory address 36
Memory address 40
Memory address 44
Memory address 48
Memory address 52
Memory address 56
Memory address 60
Thread 0
Thread 1
Thread 2
Thread 3
Thread 4
Thread 5
Thread 6
Thread 7
Thread 8
Thread 9
Thread 10
Thread 11
Thread 12
Thread 13
Thread 14
Thread 15
(b) coalesced