dot<<2,4>>(a, b, c)

blockDim.x = 4
gridDim.x = 2

a = (1, 2, 3, 4, 5, 6, 7, 8, 9, 1, 1, 1, 3, 2, 5, 6)
b = (2, 4, 5, 8, 3, 5, 7, 4, 5, 6, 7, 8, 1, 1, 2, 7)

Block 0	Block 1
cache[0] =	cache[0] =
cache[1] =	cache[1] =
cache[2] =	cache[2] =
cache[3] =	cache[3] =